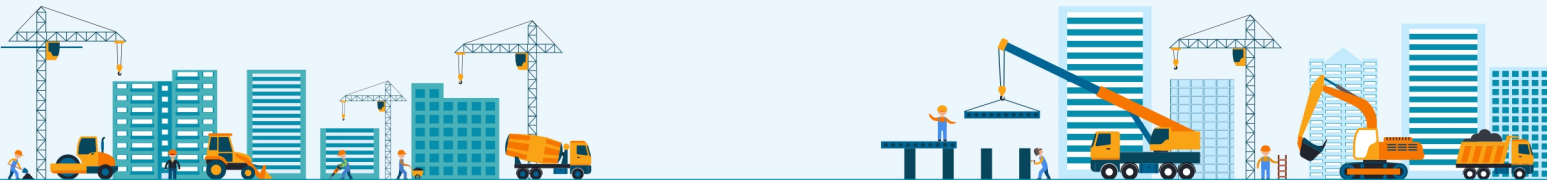


Conference on Adoption of New and Emerging Building Materials & Technologies in Construction Industry

25th August 2023

Vigyan Bhawan, New Delhi

Media Dossier



Summary

Shri Hardeep Singh Puri, Hon'ble Minister for Housing and Urban Affairs & Petroleum and Natural Gas inaugurated a conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry" at Vigyan Bhawan, New Delhi on 25th August 2023. Shri Kaushal Kishore, Hon'ble Minister of State for Housing and Urban Affairs also graced the occasion. The day-long event was hosted by Ministry of Housing and Urban Affairs (MoHUA), in partnership with Confederation of Real Estate Developers Association of India (CREDAI). Shri Manoj Joshi, Secretary, MoHUA, Shri Kuldip Narayan, Joint Secretary & Mission Director (JS&MD), Housing For All (HFA) and several key dignitaries from real estate, housing and construction sectors, senior officials from the Ministry also attended the event.

The conference brought together real estate developers, subject matter experts, urban practitioners and stakeholders from various sectors of the construction industry for cross learning and sharing of ideas for adoption and mainstreaming of innovative construction technologies, materials and processes. It raised awareness on emerging and sustainable building materials and construction technologies among a wide range of stakeholders which would ensure a more sustainable future.

The conference saw a huge footfall of developers and other stakeholders who engaged in insightful discussions and shared innovative ideas and explored the latest trends in adoption of new and emerging building materials and technologies. The participants included officers from private and government sectors, representatives of technology providers, innovators, construction agencies, professionals, and academicians among others.



MEDIA COVERAGE

'Cities will Account for more than 70% of GDP by 2030'

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New Delhi: Cities will be responsible for more than 70% of India's gross domestic product (GDP) by 2030, minister of housing and urban affairs Hardeep Singh Puri said on Friday.

India is rapidly urbanising and by 2030, it is estimated that more than 600 million people will reside in its cities, the minister said at an event organised by Confederation of Real Estate Developers Associations of India (CREDAI) in New Delhi.

"At the same time, cities are also major contributors to climate change. The United Nations Environment Programme (UNEP) estimates that cities emit up to 75%

UNEP estimates that cities emit up to 75% of global CO2. Buildings, urban transport are among the largest contributors

HARDEEP SINGH PURI
Union Minister



of the global CO2-equivalent emissions. Buildings and urban transport are among the largest contributors," said Puri, who is also the minister of petroleum and natural gas. A recent study by the World Economic Forum said that buildings and building

construction-related activities account for 40% of global greenhouse gas emissions, in addition to deforestation and the depletion of raw materials.

The most important raw material—cement—is responsible for about a quarter of all industry CO2 emissions.

McKinsey estimates that decarbonising the built environment can create as much as \$800 billion to \$1.9 trillion in new green value pools across sectors. "There is a dire need to innovate beyond conventional construction approaches. Considering that India is witnessing a relative construction boom amidst slowdowns in the sector in China and other large nations, India can realise a significant portion of these potential value pools," Puri said.

Rashtriya Sahara

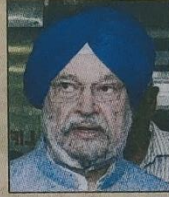
निर्माण क्षेत्र में आधुनिक प्रौद्योगिकी अपनाएं : पुरी

नई दिल्ली (एसएनबी)।

आवास और शहरी मामलों के मंत्री हरदीप सिंह पुरी ने शुक्रवार को कहा कि तेजी से हो रहे शहरीकरण के कारण 2030 तक 60 करोड़ से अधिक लोगों के शहरों में निवास करने का अनुमान है। उन्होंने निर्माण उद्योग में नई प्रौद्योगिकियों को अपनाने की जरूरत पर भी बल दिया।

मंत्री ने जमीन-जायदाद के विकास से जुड़ी कंपनियों के शीर्ष संगठन क्रेडाई (कॉन्फेडरेशन ऑफ रियल एस्टेट डेवलपर्स एसोसिएशन ऑफ इंडिया) द्वारा 'निर्माण उद्योग में नई और उभरती भवन निर्माण सामग्री और प्रौद्योगिकियों को अपनाने' के विषय पर आयोजित सम्मेलन को संबोधित करते हुए यह बात कही। क्रेडाई 13,000 से अधिक डेवलपर सदस्यों का प्रतिनिधित्व करता है।

पुरी ने कहा, 'यह जरूरी है कि हम निर्माण उद्योग में उभरती सामग्रियों और प्रौद्योगिकियों को अपनाने के लिए व्यवहार्य तरीके खोजें।' इस संबंध में सरकार की प्रतिबद्धता के बारे में पुरी ने याद दिलाया कि प्रधानमंत्री ने निर्माण उद्योग में इन पुरानी प्रौद्योगिकियों की जगह नई अत्याधुनिक



■ मंत्रालय ने अपनी ओर से 'ग्लोबल हाउसिंग टेक्नोलॉजी चैलेंज' के तहत दुनिया भर से 54 नवीन निर्माण प्रौद्योगिकियों को चुना है जिसके तहत चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में 6,368 घर बनाए जा रहे हैं : हरदीप पुरी

प्रौद्योगिकियों को अपनाने को तेज करने की जरूरत पर जोर दिया था। मंत्रालय ने अपनी ओर से 'ग्लोबल हाउसिंग टेक्नोलॉजी चैलेंज' के तहत दुनिया भर से 54 नवीन निर्माण प्रौद्योगिकियों को चुना है। चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में छह लाइट हाउस परियोजनाओं का चयन किया गया है, जिसके तहत नवीन निर्माण प्रौद्योगिकियों का उपयोग करके 6,368 घर बनाए जा रहे हैं।

पुरी ने कहा, 'इन लाइट हाउस परियोजनाओं के साथ, मेरा मानना है कि मोदी सरकार ने निर्माण उद्योग को खुद को फिर से खड़ा करने के लिए और 2030 तक शुद्ध रूप से शून्य कार्बन उत्सर्जन प्राप्त करने में प्रधानमंत्री के दृष्टिकोण का समर्थन करने के

लिए रूपरेखा तैयार किया है।'

उन्होंने इन छह परियोजनाओं में नई प्रौद्योगिकियों के उपयोग के विभिन्न लाभों का हवाला दिया। इनसे निर्माण समय में 50 प्रतिशत की कमी, सीमेंट की 15-20 प्रतिशत की बचत, निर्माण अपशिष्ट में 20 प्रतिशत की कमी, लागत में 10-20 प्रतिशत की कमी, 20-25 प्रतिशत बड़ी हुई तापीय सुविधा, 4-सितारा ग्रीन हाउस रेटिंग, ऊर्जा में 20 प्रतिशत की कमी और ग्रीन हाउस गैस उत्सर्जन में 35 प्रतिशत की कमी आदि हैं।

पुरी ने कहा, '2030 में भारत की शहरी आबादी 60 करोड़ से अधिक होगी। आर्थिक गतिविधियों के केंद्र के रूप में शहर 2030 तक देश की जीडीपी (सकल घरेलू उत्पाद) में 70 प्रतिशत से अधिक का योगदान देंगे।'





Need to find ways to boost adoption of modern construction tech: Minister

Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new technologies in the construction industry.

The minister was addressing a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members.

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment in this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.

On its part, the ministry has short-listed 54 innovative construction technologies from all over the world under the Global Housing Technology Challenge and six light house projects were selected in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala under which 6,368 houses are being built using innovative construction technologies. "With these light house projects, I believe that

the Modi government has laid down the roadmap for the construction industry to reorient itself and support the vision of the Prime Minister in achieving net zero emission by 2030," Puri said.

He cited various benefits of the use of new technologies in these six projects - 50 per cent reduction in construction time, 15-20 per cent saving of cement, 20 per cent reduction in construction waste, 10-20 per cent reduction in cost of construction, 20-25 per cent enhanced thermal comfort, 4-Star green GRIHA rating, low lifecycle cost, 20 per cent reduction in energy and 35 per cent reduction in GRG emissions, among others.

The project in Chennai, comprising 1,152 houses, was completed in a record 12 months. The project in Rajkot, consisting of 1,144 houses, has also been delivered and the remaining four projects will also be completed shortly, he said.

"India in 2030 will have an urban population of over 600 million. Cities, as the hub of economic activity, will be responsible for more than 70 per cent of the country's GDP by 2030," Puri said.

With rapid urbanisation and faster economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next two decades or so. He asked the industry players to gear up to encash this growth opportunity.

'निर्माण उद्योग में नई तकनीकी के साथ आसान तरीके तलाशें'

अमर उजाला ब्यूरो



विज्ञान भवन में आयोजित सम्मेलन में हरदीप सिंह पुरी ने कहा

नई दिल्ली। केंद्रीय आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने कहा कि निर्माण उद्योग में नई तकनीकी के साथ आसान तरीके तलाशें जाएं। वे शुक्रवार को विज्ञान भवन में निर्माण उद्योग में नई और उभरती भवन निर्माण सामग्री और प्रौद्योगिकी को अपनाने पर सम्मेलन में बोल रहे थे। इस दौरान आवास और शहरी मामलों के राज्य मंत्री कौशल किशोर भी उपस्थित थे।

पुरी ने कहा कि यह सम्मेलन निर्माण प्रौद्योगिकी और भारतीय रियल एस्टेट उद्योग के कुछ बेहतरीन सुझावों को एक साथ लाया है। यह जरूरी है कि हम निर्माण उद्योग में उभरती सामग्रियों और प्रौद्योगिकियों को अपनाने के लिए आसान तरीके खोजें और मुझे विश्वास है कि इस सम्मेलन के विचार-विमर्श

इस संबंध में भविष्य के बातचीत में सुधार के लिए फायदेमंद होंगे। कार्यक्रम की मेजबानी आवास और शहरी मामलों के मंत्रालय (एमओएचयूए) ने कॉन्फेडरेशन ऑफ रियल एस्टेट डेवलपर्स एसोसिएशन ऑफ इंडिया (क्रेडाई) के साथ साझेदारी में की गई। इस अवसर पर एमओएचयूए के सचिव मनोज जोशी और रियल एस्टेट, आवास और निर्माण क्षेत्र के कई प्रमुख व्यक्ति शामिल हुए।

Press Information Bureau (PIB)

“Sustainability and climate resilience must be embedded across the lifecycle of built environment.”~Shri Hardeep S. Puri

“Urgent need to decarbonise the built environment”~Shri Hardeep S. Puri

Conference on Adoption of New and Emerging Building Materials and Technologies in Construction Industry Inaugurated

Posted On: 25 AUG 2023 4:02PM by PIB Delhi

Shri Hardeep S. Puri, Minister for Housing and Urban Affairs and Petroleum and Natural Gas stressed the need to view urban planning from the perspective of embedding sustainability and climate resilience across the lifecycle of built environment. Inaugurating the Conference on Adoption of New and Emerging Building Materials and Technologies in Construction Industry, the Minister said that the Modi government has viewed urbanisation as an opportunity for multifaceted growth and therefore India boasts one of the most comprehensive programmes for planned urbanisation. It is against this backdrop, that the Pradhan Mantri Awas Yojana-Urban (PMAY-U), the flagship housing scheme of the Ministry, gains particular significance as it has addressed the issue of affordable housing for India's urban poor while creating sustainable and green infrastructure. Highlighting the use of green construction technologies in PMAY-U, Shri Puri informed the gathering that about 43.3 lakh houses are being constructed under the mission using sustainable building materials such as flyash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO2 emissions by the end of December 2024.



To bring a paradigm shift in the housing construction sector, the Ministry of Housing and Urban Affairs (MoHUA) shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge (GHTC). Further, 6,368 houses are being built under six light house projects currently being implemented in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala. The Minister shared the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.



Shri Kaushal Kishore MoS, MoHUA, reiterated the need to provide quality housing to all strata of society, using latest and innovative technologies, as this would contribute to a better quality of life in the new and self-reliant India. Shri Manoj Joshi, Secretary MoHUA, also underscored the importance of promoting and mainstreaming the modern and green construction technologies which will help the country to address the rising housing demand. These building materials facilitate faster and better quality housing construction to suit different geo-climatic and hazard conditions of the country. The conference organised by CREDAI, in collaboration with CPWD and NBCC, brought together some of the brightest minds in the construction and real estate industries.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1952081>

"स्थिरता और जलवायु अनुकूलता निर्मित पर्यावरण के जीवनचक्र में सम्मिलित होना चाहिए" ~श्री हरदीप एस पुरी

"निर्मित पर्यावरण में कार्बन उत्सर्जन में कमी लाने की तत्काल आवश्यकता" ~ श्री हरदीप एस पुरी

निर्माण उद्योग में नई और उभरती निर्माण सामग्री और प्रौद्योगिकियों को अपनाने पर सम्मेलन का उद्घाटन

Posted On: 25 AUG 2023 4:02PM by PIB Delhi

आवास और शहरी कार्य तथा पेट्रोलियम एवं प्राकृतिक गैस मंत्री श्री हरदीप एस. पुरी ने निर्मित पर्यावरण के जीवनचक्र में स्थिरता और जलवायु अनुकूलता को सम्मिलित करने के दृष्टिकोण से शहरी नियोजन को देखने की आवश्यकता पर बल दिया। निर्माण उद्योग में नई और उभरती निर्माण सामग्री और प्रौद्योगिकियों को अपनाने पर आयोजित सम्मेलन का उद्घाटन करते हुए श्री पुरी ने कहा कि मोदी सरकार ने शहरीकरण को बहुमुखी विकास के अवसर के रूप में देखा है और इसलिए भारत को नियोजित शहरीकरण के लिए सबसे व्यापक कार्यक्रमों में से एक होने का गौरव हासिल है। इस पृष्ठभूमि में मंत्रालय की प्रमुख आवास योजना, प्रधानमंत्री आवास योजना-शहरी (पीएमएवाई-यू) का विशेष महत्व है, क्योंकि इसने टिकाऊ और हरित बुनियादी ढांचे का निर्माण करते हुए भारत के शहरी गरीबों के लिए किफायती आवास के मुद्दे पर ध्यान दिया है। पीएमएवाई-यू में हरित निर्माण प्रौद्योगिकियों के उपयोग को रेखांकित करते हुए श्री पुरी ने उपस्थित जनसमूह को बताया कि 43.3 मिशन के तहत फ्लॉइंग ईटी/ब्लॉकों और एएसी ब्लॉकों जैसी स्थायी निर्माण सामग्री का उपयोग करके लाखों घरों का निर्माण किया जा रहा है। ये घर दिसंबर 2024 के अंत तक 9 मिलियन टन कार्बनडाइऑक्साइड के उत्सर्जन में कमी लाने में योगदान देंगे।

आवास निर्माण क्षेत्र में आमूलचूल बदलाव लाने के लिए, आवास और शहरी कार्य मंत्रालय ने चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में वर्तमान में कार्यान्वित की जा रही वैश्विक परियोजनाओं के तहत विश्वभर की 54 नवोन्मेषी निर्माण प्रौद्योगिकियों का चयन किया है। श्री पुरी ने निर्माण लागत, समय, उपयोग में लाए गए सीमेंट और उत्पन्न कचरे में कमी के अतिरिक्त बढ़ी हुई थर्मल सुविधा और कम जीवनचक्र लागत सहित इन नवोन्मेषी प्रौद्योगिकियों के उपयोग के बहुत से लाभों का साझा किया।

आवास एवं शहरी मामलों के राज्य मंत्री श्री कौशल किशोर ने नवीनतम और अभिनव प्रौद्योगिकियों का उपयोग करते हुए समाज के सभी वर्गों को गुणवत्तापूर्ण आवास उपलब्ध कराने की आवश्यकता दोहराई, क्योंकि इससे नए और आत्मनिर्भर भारत में जीवन की बेहतर गुणवत्ता में योगदान प्राप्त होगा। आवास एवं शहरी मामलों मंत्रालय में सचिव श्री मनोज जोशी ने आधुनिक और हरित निर्माण प्रौद्योगिकियों को बढ़ावा देने और मुख्यधारा में लाने के महत्व को भी रेखांकित किया, जिससे देश को आवास की बढ़ती मांग को पूरा करने में मदद मिलेगी। ये निर्माण सामग्री देश की विभिन्न भू-जलवायु और खतरों की स्थितियों के अनुरूप तेजी से और बेहतर गुणवत्ता वाले आवास निर्माण की सुविधा प्रदान करती है। सीपीडब्ल्यूडी और एनबीसीसी के सहयोग से क्रेडार्ड द्वारा आयोजित इस सम्मेलन में निर्माण और रियल एस्टेट उद्योगों के कई प्रतिभाशाली व्यक्ति एक जगह एकत्रित हुए।

<https://pib.gov.in/PressReleasePage.aspx?PRID=1952205>

Need to find feasible ways to boost adoption of modern technologies in construction: Housing minister

Housing minister Hardeep Singh Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.



PTI

Updated On Aug 26, 2023 at 09:40 AM IST



File Photo

NEW DELHI: Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new

technologies in the construction industry.

The minister was addressing a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members.

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment in this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.

On its part, the ministry has short-listed 54 innovative construction technologies from all over the world under the Global Housing Technology Challenge and six light house projects were selected in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala under which 6,368 houses are being built using innovative construction technologies.

"With these light house projects, I believe that the Modi government has laid down the roadmap for the construction industry to reorient itself and support the vision of the Prime Minister in achieving net zero emission by 2030," Puri said.

He cited various benefits of the use of new technologies in these six projects -- 50 per cent reduction in construction time, 15-20 per cent saving of cement, 20 per cent reduction in construction waste, 10-20 per cent reduction in cost of construction, 20-25 per cent enhanced thermal comfort, 4-Star green GRIHA rating, low lifecycle cost, 20 per cent reduction in energy and 35 per cent reduction in GHG emissions, among others.

The project in Chennai, comprising 1,152 houses, was completed in a record 12 months. The project in Rajkot, consisting of 1,144 houses, has also been delivered and the remaining four projects will also be completed shortly, he said.

<https://realty.economictimes.indiatimes.com/news/industry/need-to-find-feasible-ways-to-boost-adoption-of-modern-technologies-in-construction-housing-minister/103079352>

Business Standard

Need to find ways to boost adoption of modern construction tech: Minister

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said



Hardeep Singh Puri, housing and urban affairs minister. Photo: ANI

Press Trust of India | New Delhi

4 min read Last Updated : Aug 25 2023 | 4:37 PM IST



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With rapid urbanisation and faster economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next two decades or so. He asked the industry players to gear up to encash this growth opportunity.

At the same time, Puri said cities are also major contributors to climate change.

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He expressed confidence that India will be second globally in the metro network.

"We are slowly but surely on the way to establishing the world's second largest metro system. That's going to happen before too long," he said, adding that much of the acceleration in building metros has happened in the last nine years.

"The Modi government has viewed urbanisation as an opportunity for multifaceted growth. India boasts to have one of the most comprehensive programmes for planned urbanisation," he said.

On the Pradhan Mantri Awas Yojana-Urban (PMAY-U), Puri said this mission has not only addressed the issue of affordable housing for India's urban poor but has also created sustainable and green infrastructure.

The PMAY-U has emerged as one of the largest affordable housing schemes in the world by sanctioning more than 1.18 crore houses. Out of these, work has started for 1.13 crore houses and more than 76 lakh houses have been delivered to beneficiaries.

"About 43.3 lakh houses under the mission are being constructed using sustainable building materials such as fly ash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO₂ emissions by the end of December 2024," Puri said.

Housing and Urban Affairs Secretary Manoj Joshi said there is a need to take new technologies to smaller cities.

Joshi said state-owned NBCC and CPWD (Central Public Works Department) will use new technologies for the construction of government buildings.

CREDAI Chairman Manoj Gaur and CREDAI President Boman Irani also spoke about the initiatives taken by the association to promote green buildings.


https://www.business-standard.com/india-news/need-to-find-ways-to-boost-adoption-of-modern-construction-tech-minister-123082500603_1.html

Urban Affairs Minister Hardeep Singh Puri calls for adoption of modern technology in construction industry

The ministry has shortlisted 54 innovative construction technologies from all over the world under Global Housing Technology Challenge, he said at a conference in New Delhi.

 PTI

Last Updated 25 August 2023, 17:57 IST

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Union Minister Hardeep Singh Puri delivered keynote address at the conference. Credit: X(Formerly Twitter)/@PMAYUrban

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<https://www.deccanherald.com/india/urban-affairs-minister-hardeep-singh-puri-calls-for-adoption-of-modern-technology-in-construction-industry-2660750>

Mint

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Hardeep Singh Puri stresses on urban planning through innovative tech

1 min read • 25 Aug 2023, 04:57 PM IST

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The ministry has shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge



The Pradhan Mantri Awas Yojana-Urban has addressed the issue of affordable housing for India's urban poor while creating sustainable and green infrastructure (Photo: Mint)

New Delhi: Union minister for housing and urban affairs Hardeep Singh Puri on Friday stressed the need to view urban planning from the perspective of embedding sustainability and climate resilience across the lifecycle of built environment.

Inaugurating the conference on adoption of new and emerging building materials and technologies in construction industry, the minister said that the Modi government has viewed urbanisation as an opportunity for multifaceted growth and therefore India boasts one of the most comprehensive programmes for planned urbanisation.

"It is against this backdrop, that the Pradhan Mantri Awas Yojana-Urban (PMAY-U), the flagship housing scheme of the Ministry, gains particular significance as it has addressed the issue of **affordable housing** for India's urban poor while creating sustainable and green infrastructure," he added.

Highlighting the use of green construction technologies in PMAY-U, Puri said about 43.3 lakh houses are being constructed under the mission using sustainable building materials such as flyash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO2 emissions by the end of December 2024.

The ministry has shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge (GHTC).

Further, 6,368 houses are being built under six lighthouse projects currently being implemented in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala.

The minister highlighted the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.

<https://www.livemint.com/news/india/hardeep-singh-puri-stresses-on-urban-planning-through-innovative-tech-11692962376145.html>

Swarajya

#SWARAJYA

Union Minister Hardeep Singh Puri Stresses On Adopting Innovative Tech For Urban Planning And Construction

by Arun Kumar Das -
Saturday, August 26, 2023 10:40 AM IST



Affordable Housing (Representative Image) (Twitter)

Stressing the urgent need to decarbonise environment, Housing and Urban Affairs Minister Hardeep S Puri has advocated for using innovative construction technologies to reduce cost and time for completion of the housing projects.

Inaugurating the Conference on Adoption of New and Emerging Building Materials and Technologies in Construction Industry, the Minister said that the Modi government has viewed urbanisation as an opportunity for multifaceted growth and therefore India boasts one of the most comprehensive programmes for planned urbanisation.

Puri highlighted the need to view urban planning from the perspective of embedding sustainability and climate resilience across the lifecycle of built environment.

The Minister shared the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.

It is against this backdrop, that the Pradhan Mantri Awas Yojana-Urban (PMAY-U), the flagship housing scheme of the Ministry, gains particular significance as it has addressed the issue of affordable housing for India's urban poor while creating sustainable and green infrastructure.

Highlighting the use of green construction technologies in PMAY-U, Puri informed the gathering that about 43.3 lakh houses are being constructed under the mission using sustainable building materials such as flyash bricks/blocks and AAC blocks.

These houses will contribute to a reduction of 9 million tonnes of CO2 emissions by the end of December 2024.

In order to bring a paradigm shift in the housing construction sector, the Ministry of Housing and Urban Affairs (MoHUA) shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge (GHTC).

Further, 6,368 houses are being built under six light house projects currently being implemented in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala.

The Minister shared the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.

Minister of State for Housing and Urban Affairs Kaushal Kishore reiterated the need to provide quality housing to all strata of society, using latest and innovative technologies, as this would contribute to a better quality of life in the new and self reliant India.

Housing and Urban Affairs Secretary Manoj Joshi also underscored the importance of promoting and mainstreaming the modern and green construction technologies which will help the country to address the rising housing demand.

These building materials facilitate faster and better quality housing construction to suit different geo-climatic and hazard conditions of the country.

The conference organised by CREDAI, in collaboration with CPWD and NBCC, brought together some of the brightest minds in the construction and real estate industries.

<https://swarajyamaq.com/infrastructure/union-minister-hardeep-singh-puri-stresses-on-adopting-innovative-tech-for-urban-planning-and-construction>

“Hon’ble Minister for Housing & Urban Affairs inaugurates conference on ‘Adoption of New and Emerging Building Materials and Technologies in Construction Industry’ in association with CREDAI”

Published on August 26, 2023



New Delhi: Shri Hardeep Singh Puri, Hon’ble Minister for Housing and Urban Affairs & Petroleum and Natural Gas, today inaugurated a conference on “Adoption of New and Emerging Building Materials and Technologies in Construction Industry” at Vigyan Bhawan, New Delhi. Shri Kaushal Kishore, Hon’ble Minister of State for Housing and Urban Affairs also graced the occasion. The day-long event was hosted by Ministry of Housing and Urban Affairs, in partnership with Confederation of Real Estate Developers Association of India. Shri Manoj Joshi, Secretary, MoHUA and several key dignitaries from real estate, housing and construction sectors, senior officials from

the Ministry and State/UT Governments also attended the event.

The conference brought together real estate developers, subject matter experts, urban practitioners and stakeholders from various sectors of the construction industry for cross learning and sharing of ideas for adoption and mainstreaming of innovative construction technologies, materials and processes.

In his keynote address, Hon’ble Minister for Housing and Urban Affairs, spoke about how the Ministry has adopted several innovative technologies under different projects. The Hon’ble Minister said, “The Government has laid down the roadmap for the construction industry and this conference has brought together some of the finest minds in construction technology and the Indian Real Estate industry. It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry and I am confident that the deliberations of this conference will be beneficial for reforming the future discourses in this regard.”

The conference raised awareness on emerging and sustainable building materials and construction technologies among a wide range of stakeholders which would ensure a more sustainable future.

CREDAI President Boman Irani shared his remarks “This conference is a testimony of the labours of the Government of India to give a decisive impetus to all around infrastructural growth of the nation. We laud the efforts of the Government to introduce major policy guidelines and initiatives such as the RERA, GST, Housing for All, Smart cities, among others, that have helped streamline the regulatory process and bring contemporary development. This visionary leadership has paved the path for developers to embark on this journey of building the way to the future. We at CREDAI are grateful to host this conference as it acts as a pivotal platform for all stakeholders to explore, learn and share knowledge about new building technologies that we’re constantly trying to amalgamate in all our projects to achieve sustainability and innovation.”

Technology transition through Light House Projects (LHPs) under Pradhan Mantri Awas Yojana (Urban) and the experience of constructing the model housing project at six locations, namely Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala was discussed in detail during the event.

Following the inaugural event, sessions with experts and prominent speakers were held. Two panel discussions on the topics – “Role of Private Sector in Mainstreaming Innovative Construction Technology Ecosystem” and “Promotion of New & Emerging Building Materials and Processes”, were held during which experts from different organisations shared their views.

The conference on “Adoption of New and Emerging Building Materials and Technologies in Construction Industry” saw a huge footfall of developers and other stakeholders who engaged in insightful discussions and shared innovative ideas and explored the latest trends in adoption of new and emerging building materials and technologies. The participants included officers from private and government sectors, representatives of technology providers, innovators, construction agencies, professionals, academicians among others.

Manoj Gaur, Chairman, CREDAI, while expressing his gratitude through a vote of thanks said, “Today, we are paying a tribute to the progress in propagating building technologies and materials in the construction sector in the nation. The Ministry of Housing and Urban Affairs should be thanked for how they have played a key role in the incorporation of global housing technologies here in India.”

<https://www.apnnews.com/honble-minister-for-housing-urban-affairs-inaugurates-conference-on-adoption-of-new-and-emerging-building-materials-and-technologies-in-construction-industry-in-associat/>

Press Trust of India (PTI)

PRESS TRUST OF INDIA

Need to find feasible ways to boost adoption of modern technologies in construction: Puri

Updated: Aug 25 2023 3:17PM



New Delhi, Aug 25 (PTI) Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new technologies in the construction industry.

The minister was addressing a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAL, which represents more than 13,000 developer members.

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment in this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.

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"The Modi government has viewed urbanisation as an opportunity for multifaceted growth. India boasts to have one of the most comprehensive programmes for planned urbanisation," he said.

On the Pradhan Mantri Awas Yojana-Urban (PMAY-U), Puri said this mission has not only addressed the issue of affordable housing for India's urban poor but has also created sustainable and green infrastructure.

The PMAY-U has emerged as one of the largest affordable housing schemes in the world by sanctioning more than 1.18 crore houses. Out of these, work has started for 1.13 crore houses and more than 76 lakh houses have been delivered to beneficiaries.

"About 43.3 lakh houses under the mission are being constructed using sustainable building materials such as fly ash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO₂ emissions by the end of December 2024," Puri said.

Housing and Urban Affairs Secretary Manoj Joshi said there is a need to take new technologies to smaller cities.

Joshi said state-owned NBCC and CPWD (Central Public Works Department) will use new technologies for the construction of government buildings.

CREDAI Chairman Manoj Gaur and CREDAI President Boman Irani also spoke about the initiatives taken by the association to promote green buildings.

<https://www.ptinews.com/news/business/need-to-find-feasible-ways-to-boost-adoption-of-modern-technologies-in-construction-puri/637144.html>

Cities will be responsible for more than 70% of the country's GDP by 2030, says Housing Minister, Hardeep Singh Puri

By Faizan Haidar, ET Bureau - Last Updated: Aug 25, 2023, 02:48 PM IST

SHARE FONT SIZE SAVE

Synopsis

"At the same time, cities are also major contributors to climate change. The United Nations Environment Programme (UNEP) estimates that cities emit up to 75% of the global CO2-equivalent emissions globally. Buildings and urban transport are amongst the largest contributors," Puri said at the event.



Hardeep Singh Puri

Cities will be responsible for more than 70% of the country's GDP by 2030, Hardeep Singh Puri, Minister of Housing and Urban Affairs and Minister of Petroleum and [Natural Gas](#) said at a [real estate](#) event by Confederation of Real Estate Developers' Associations of [India \(CREDAI\)](#).

<https://economictimes.indiatimes.com/news/economy/infrastructure/cities-will-be-responsible-for-more-than-70-of-the-countrys-gdp-by-2030-says-housing-minister-hardeep-singh-puri/articleshow/103056663.cms?from=mdr>

The Economic Times (Hindi)

ET THE ECONOMIC TIMES हिंदी
Hindi ▾

India GDP Growth: जीडीपी ग्रोथ में 70% भूमिका शहरों की होगी, विकास निर्माण में तकनीक के इस्तेमाल पर जोर

Produced by Rizwan Noor Khan | ET Online Updated: 26 Aug 2023, 11:12 am



PM Awas Yojana Urban : केंद्रीय आवास मंत्री हरदीप सिंह पुरी ने कहा कि 2030 तक देश की 70% से अधिक जीडीपी के लिए शहर जिम्मेदार होंगे. पीएम आवास योजना दुनिया की सबसे बड़ी किफायती आवास योजनाओं में से एक बनकर उभरी है.



केंद्रीय आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने क्रेडाई के सम्मेलन में कहा कि साल 2030 तक देश की जीडीपी का 70% हिस्सा शहरों से होगा.

नई दिल्ली : केंद्रीय मंत्री हरदीप सिंह पुरी ने कहा है कि साल 2030 तक देश की जीडीपी का 70% हिस्सा शहरों से होगा. शहरी क्षेत्र की भूमिका देश की जीडीपी में अधिक होगी. उन्होंने कहा कि निर्माण विकास के लिए तकनीकी के इस्तेमाल पर फोकस करना होगा.

केंद्रीय आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने क्रेडाई के सम्मेलन में कहा कि साल 2030 तक देश की जीडीपी का 70% हिस्सा शहरों से होगा. भारत में तेजी से शहरीकरण हो रहा है और अनुमान है कि 2030 तक 60 करोड़ से अधिक लोग इसके शहरों में रहेंगे.

उन्होंने बताया कि कैसे मंत्रालय ने विभिन्न परियोजनाओं के तहत कई नवीन तकनीकों को अपनाया है. उन्होंने कहा कि यह जरूरी है कि हम निर्माण उद्योग में उभरती सामग्रियों और प्रौद्योगिकियों को अपनाने के लिए आसान तरीके खोजें और मुझे विश्वास है कि इस सम्मेलन के विचार-विमर्श इस संबंध में भविष्य के बातचीत में सुधार के लिए फायदेमंद होंगे.

केंद्रीय आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने क्रेडाई के सम्मेलन में कहा कि साल 2030 तक देश की जीडीपी का 70% हिस्सा शहरों से होगा. भारत में तेजी से शहरीकरण हो रहा है और अनुमान है कि 2030 तक 60 करोड़ से अधिक लोग इसके शहरों में रहेंगे.

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केंद्रीय मंत्री ने पीएम आवास योजना-अरबन के बारे में बताया कि 1.18 करोड़ से अधिक घरों को मंजूरी देकर पीएमएवाई-यू दुनिया की सबसे बड़ी किफायती आवास योजनाओं में से एक बनकर उभरी है. इनमें से 1.13 करोड़ घरों का निर्माण पहले ही पूरा हो चुका है और 76 लाख से अधिक घर लाभार्थियों को वितरित किए जा चुके हैं.

<https://hindi.economictimes.com/news/cities-will-be-responsible-for-more-than-70-of-the-country-gdp-by-2030-says-housing-minister-hardeep-singh-puri/articleshow/103081120.cms>

THE TIMES OF INDIA

Future central govt building projects will use tech for faster construction: Housing secretary

NEW DELHI: The future building projects of the central government will use only new technologies for faster construction and reducing the usage of natural resources. Union housing secretary [Manoj Joshi](#) said on Friday that a policy proposal on this will soon be placed before the government.

Speaking at a conference on adoption of new and emerging building materials and technologies in construction industry organised by the ministry in association with the real estate industry body, CREDAI, Joshi said, "Now we are working on a proposal that any building — for office or housing purposes — constructed by the CPWD and NBCC should use new and innovative technologies. We will be placing a proposal before the Union minister."

He added that a policy on using new technologies in all government buildings will prove to be a big boon for the sector.

Joshi said once the central government agencies follow this norm, state governments will also do so.

The secretary said that while speaking at the meeting of the council of ministers recently, Prime Minister Narendra Modi had said that there is a need to take the new construction technologies to people, real estate players and construction agencies. Joshi said there is a dire need to take these technologies to smaller towns.

The housing ministry is using new technologies as pilots for faster construction of houses under the PM Awas Yojna in six cities.

<https://timesofindia.indiatimes.com/india/future-central-govt-building-projects-will-use-tech-for-faster-construction-housing-secretary/articleshow/103071092.cms>



कंस्ट्रक्शन इंडस्ट्री में नई तकनीक के इस्तेमाल ने आसान किए रास्ते



By HINDICNBCTV18.COM

Aug 26, 2023 1:58:42 PM IST (Updated)

कार्यक्रम के दौरान प्रधान मंत्री आवास योजना (शहरी) के तहत लाइट हाउस प्रोजेक्ट्स (एलएचपी) के माध्यम से टेक्नोलॉजी परिवर्तन और छह स्थानों, अर्थात् चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में मॉडल हाउसिंग प्रोजेक्ट के निर्माण के अनुभव पर विस्तार से चर्चा की गई.

केंद्र सरकार में आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने शुक्रवार को विज्ञान भवन में "कंस्ट्रक्शन इंडस्ट्री में नई और उभरती भवन निर्माण सामग्री और टेक्नोलॉजी को अपनाने" पर एक सम्मेलन का उद्घाटन किया. आवास और शहरी मामलों के राज्य मंत्री कौशल किशोर भी इस मौके पर मौजूद थे.

सम्मेलन ने कंस्ट्रक्शन इंडस्ट्री के विभिन्न सेक्टर्स से रियल एस्टेट डेवलपर्स, इस क्षेत्र के एक्सपर्ट्स, शहरी चिकित्सकों और स्टैकहोल्डर्स को नए निर्माण की टेक्नोलॉजी, रॉ मेटेरियल और प्रक्रियाओं को अपनाने को लेकर विचारों को साझा किया.

यह जरूरी है कि हम कंस्ट्रक्शन इंडस्ट्री में उभरती सामग्रियों और टेक्नोलॉजी को अपनाने के लिए आसान तरीके खोजें और मुझे विश्वास है कि इस सम्मेलन के विचार-विमर्श इस संबंध में भविष्य के बातचीतों में सुधार के लिए फायदेमंद होंगे।

सरकार के प्रयासों की तारीफ

क्रेडाई के प्रेसिडेंट बोमन ईरानी ने अपनी टिप्पणी साझा करते हुए कहा, "यह सम्मेलन राष्ट्र के सर्वांगीण ढांचागत विकास को निर्णायक गति देने के लिए भारत सरकार के प्रयासों का प्रमाण है। हम आरईआरए, जीएसटी, सभी के लिए आवास, स्मार्ट शहरों जैसे प्रमुख नीति दिशानिर्देशों और पहलों को पेश करने के सरकार के प्रयासों की सराहना करते हैं, जिन्होंने नियामक प्रक्रिया को सुव्यवस्थित करने और समकालीन विकास लाने में मदद की है।

इस दूरदर्शी नेतृत्व ने डेवलपर्स के लिए भविष्य का रास्ता बनाने की इस यात्रा को शुरू करने का मार्ग तय किया है। क्रेडाई में हम इस सम्मेलन की मेजबानी करने के लिए आभारी हैं क्योंकि यह सभी स्टेकहोल्डर्स के लिए नई कंस्ट्रक्शन टेक्नोलॉजी के बारे में ज्ञान का पता लगाने, सीखने और साझा करने के लिए एक महत्वपूर्ण मंच के रूप में कार्य करता है जिसे हम स्थिरता और इनोवेशन प्राप्त करने के लिए अपनी सभी परियोजनाओं में लगातार इंटीग्रेटड करने का प्रयास कर रहे हैं।

कार्यक्रम के दौरान प्रधान मंत्री आवास योजना (शहरी) के तहत लाइट हाउस प्रोजेक्ट्स (एलएचपी) के माध्यम से टेक्नोलॉजी परिवर्तन और छह स्थानों, अर्थात् चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में मॉडल हाउसिंग प्रोजेक्ट के निर्माण के अनुभव पर विस्तार से चर्चा की गई।

क्रेडाई के चेयरमैन, मनोज गौड़ ने हुए कहा, "आज, हम देश में कंस्ट्रक्शन क्षेत्र में कंस्ट्रक्शन टेक्नोलॉजी और मेटेरियल के प्रचार-प्रसार में प्रगति के लिए शुक्रिया अदा किया। आवास और शहरी मामलों के मंत्रालय को इस बात के लिए धन्यवाद दिया जाना चाहिए कि उन्होंने भारत में वैश्विक आवास टेक्नोलॉजी को शामिल करने में महत्वपूर्ण भूमिका निभाई है।

<https://hindi.cnbcvt18.com/business/union-minister-hardeep-singh-puri-stresses-on-adopting-innovative-tech-for-urban-planning-and-construction-60746.htm>

Delhi News: विज्ञान भवन में आयोजित कार्यक्रम में शामिल हुए केंद्रीय मंत्री हरदीप सिंह पुरी, डेवलपर्स और लोग भी मौजूद



Delhi News: आवास और शहरी मामलों तथा पेट्रोलियम और प्राकृतिक गैस मंत्री हरदीप सिंह पुरी ने शुक्रवार को विज्ञान भवन में "निर्माण उद्योग में नई और उभरती भवन निर्माण सामग्री और प्रौद्योगिकियों को अपनाने" पर एक सम्मेलन का उद्घाटन किया। आवास और शहरी मामलों के राज्य मंत्री कौशल किशोर भी इस अवसर पर उपस्थित थे। इस कार्यक्रम की मेजबानी आवास और शहरी मामलों के मंत्रालय (एमओएचयूए) ने कॉन्फेडरेशन ऑफ रियल एस्टेट डेवलपर्स एसोसिएशन ऑफ इंडिया (क्रेडाई) के साथ साझेदारी में की गई। इस अवसर पर एमओएचयूए के सचिव मनोज जोशी और रियल एस्टेट, आवास और निर्माण क्षेत्र के कई प्रमुख गणमान्य व्यक्ति शामिल थे। इस कार्यक्रम में मंत्रालय और राज्य/केंद्रशासित प्रदेश सरकारों के वरिष्ठ अधिकारी भी शामिल हुए।

कहीं बड़ी बात

सम्मेलन ने निर्माण उद्योग के विभिन्न क्षेत्रों से रियल एस्टेट डेवलपर्स, विषय वस्तु विशेषज्ञों, शहरी चिकित्सकों और हितधारकों को नवीन निर्माण प्रौद्योगिकियों, सामग्रियों और प्रक्रियाओं को अपनाने और मुख्यधारा में लाने के लिए विचारों को साझा किया। अपने भाषण में आवास और शहरी मामलों के मंत्री ने बताया कि कैसे मंत्रालय ने विभिन्न परियोजनाओं के तहत कई नवीन तकनीकों को अपनाया है। केंद्रीय मंत्री पुरी ने कहा, "सरकार ने निर्माण उद्योग के लिए रोडमैप तैयार किया है और यह सम्मेलन निर्माण प्रौद्योगिकी और भारतीय रियल एस्टेट उद्योग के कुछ बेहतरीन सुझावों को एक साथ लाया है। यह जरूरी है कि हम निर्माण उद्योग में उभरती सामग्रियों और प्रौद्योगिकियों को अपनाने के लिए आसान तरीके खोजें और मुझे विश्वास है कि इस सम्मेलन के विचार-विमर्श इस संबंध में भविष्य के बातचीतों में सुधार के लिए फायदेमंद होंगे।"

बोमन ईरानी ने कही ये बात

सम्मेलन ने हितधारकों की एक विस्तृत श्रृंखला के बीच उभरती और टिकाऊ निर्माण सामग्री और निर्माण प्रौद्योगिकियों पर जागरूकता बढ़ाई जो एक अधिक टिकाऊ भविष्य सुनिश्चित करेगी. क्रेडाई के प्रेसिडेंट बोमन ईरानी ने अपनी टिप्पणी साझा करते हुए कहा, "यह सम्मेलन राष्ट्र के सर्वांगीण ढांचागत विकास को निर्णायक गति देने के लिए भारत सरकार के प्रयासों का प्रमाण है. हम आरईआरए, जीएसटी, सभी के लिए आवास, स्मार्ट शहरों जैसे प्रमुख नीति दिशानिर्देशों और पहलों को पेश करने के सरकार के प्रयासों की सराहना करते हैं, जिन्होंने नियामक प्रक्रिया को सुव्यवस्थित करने और समकालीन विकास लाने में मदद की है. इस दूरदर्शी नेतृत्व ने डेवलपर्स के लिए भविष्य का रास्ता बनाने की इस यात्रा को शुरू करने का मार्ग प्रशस्त किया है. क्रेडाई में हम इस सम्मेलन की मेजबानी करने के लिए आभारी हैं. क्योंकि यह सभी हितधारकों के लिए नई निर्माण प्रौद्योगिकियों के बारे में ज्ञान का पता लगाने, सीखने और साझा करने के लिए एक महत्वपूर्ण मंच के रूप में कार्य करता है, जिसे हम स्थिरता और नवाचार प्राप्त करने के लिए अपनी सभी परियोजनाओं में लगातार एकीकृत करने का प्रयास कर रहे हैं.

क्रेडाई के चेयरमैन, मनोज गौड़ ने धन्यवाद प्रस्ताव के माध्यम से अपना आभार व्यक्त करते हुए कहा, आज, हम देश में निर्माण क्षेत्र में निर्माण प्रौद्योगिकियों और सामग्रियों के प्रचार-प्रसार में प्रगति के लिए शुक्रिया अदा कर रहे हैं. आवास और शहरी मामलों के मंत्रालय को इस बात के लिए धन्यवाद दिया जाना चाहिए कि उन्होंने भारत में वैश्विक आवास प्रौद्योगिकियों को शामिल करने में महत्वपूर्ण भूमिका कैसे निभाई है.

कार्यक्रम के दौरान प्रधान मंत्री आवास योजना (शहरी) के तहत लाइट हाउस प्रोजेक्ट्स (एलएचपी) के माध्यम से प्रौद्योगिकी परिवर्तन और छह स्थानों, अर्थात् चेन्नई, राजकोट, इंदौर, लखनऊ, रांची और अगरतला में मॉडल हाउसिंग प्रोजेक्ट के निर्माण के अनुभव पर विस्तार से चर्चा की गई. उद्घाटन समारोह के बाद,

विशेषज्ञों और प्रमुख वक्ताओं के साथ सत्र आयोजित किए गए. 'इनोवेटिव कंस्ट्रक्शन टेक्नोलॉजी इकोसिस्टम को मुख्यधारा में लाने में निजी क्षेत्र की भूमिका' और 'नए और उभरते भवन निर्माण सामग्री और प्रक्रियाओं को बढ़ावा देना' विषयों पर दो पैनल चर्चाएं आयोजित की गईं, जिसके दौरान विभिन्न संगठनों के विशेषज्ञों ने अपने विचार साझा किए.

बड़ी संख्या में लोग मौजूद

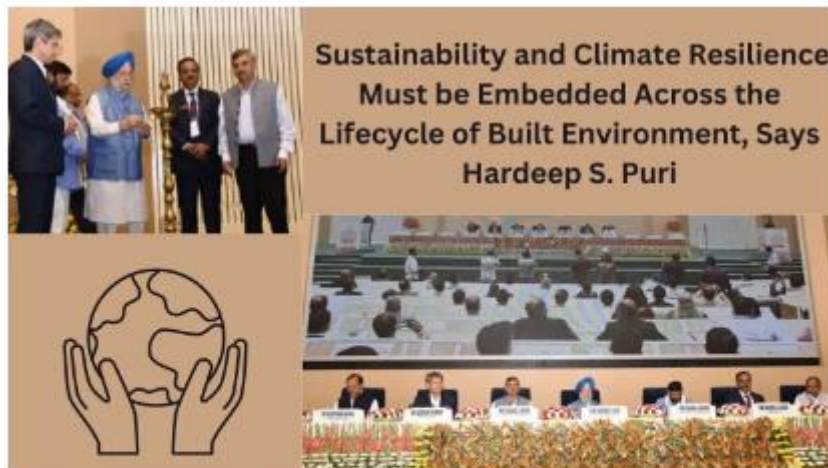
निर्माण उद्योग में नई और उभरती भवन निर्माण सामग्री और प्रौद्योगिकियों को अपनाने पर सम्मेलन में डेवलपर्स और अन्य हितधारक बड़ी संख्या में मौजूद थे जिन्होंने गहन चर्चा में भाग लिया और नवीन विचारों को साझा किया और नई और उभरती हुई निर्माण सामग्री और प्रौद्योगिकियों को अपनाने में नवीनतम रुझानों का पता लगाया. प्रतिभागियों में निजी और सरकारी क्षेत्रों के अधिकारी, प्रौद्योगिकी प्रदाताओं के प्रतिनिधि, नवप्रवर्तक, निर्माण एजेंसियां, पेशेवर, शिक्षाविद् और अन्य शामिल थे.

<https://zeenews.india.com/hindi/india/delhi-ncr-haryana/delhi-news-hardeep-singh-puri-attended-meeting-in-vigyan-bhawan-news-in-hindi/1841572>

Hardeep S. Puri Calls for Integration of Sustainability and Climate Resilience Throughout the Built Environment Lifecycle

Urgent need to decarbonize the built environment, says Hardeep S. Puri.

Shivangi Rai Updated 25 August, 2023 6:48 PM IST



The conference was organized by CREDAI, in collaboration with CPWD and NBCC, brought together some of the brightest minds in the construction and real estate industries.

Hardeep S. Puri, Minister for Housing and Urban Affairs and Petroleum and Natural Gas stressed the need to view urban planning from the perspective of embedding sustainability and [climate resilience](#) across the lifecycle of the built environment.

Inaugurating the Conference on Adoption of New and Emerging Building Materials and Technologies in the Construction Industry, the Minister said that the Modi government has viewed urbanization as an opportunity for multifaceted growth and therefore India boasts one of the most comprehensive programmes for planned urbanization.

It is against this backdrop, that the Pradhan Mantri Awas Yojana-Urban (PMAY-U), the flagship housing scheme of the Ministry, gains particular significance as it has addressed the issue of affordable housing for India's urban poor while creating [sustainable](#) and green infrastructure.

Highlighting the use of green construction technologies in PMAY-U, Puri informed the gathering that about 43.3 lakh houses are being constructed under the mission using sustainable building materials such as fly ash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO2 emissions by the end of December 2024.

To bring a paradigm shift in the housing construction sector, the Ministry of Housing and Urban Affairs (MoHUA) shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge (GHTC).

Further, 6,368 houses are being built under six lighthouse projects currently being implemented in Chennai, Rajkot, Indore, Lucknow, Ranchi, and Agartala.

The Minister shared the multiple benefits of using these innovative construction technologies, including a reduction in construction cost, time, cement used, and [waste](#) generated apart from the enhanced thermal comfort and low lifecycle costs.

Kaushal Kishore MoS, MoHUA, reiterated the need to provide quality housing to all strata of society, using the latest and innovative technologies, as this would contribute to a better quality of life in the new and self-reliant India.

Manoj Joshi, Secretary MoHUA, also underscored the importance of promoting and mainstreaming modern and green construction technologies which will help the country to address the rising housing demand.

These building materials facilitate faster and better quality [housing](#) construction to suit different geo-climatic and hazardous conditions of the country. The conference organized by CREDAI, in collaboration with CPWD and NBCC, brought together some of the brightest minds in the construction and real estate industries.

<https://krishijagran.com/news/hardeep-s-puri-calls-for-integration-of-sustainability-and-climate-resilience-throughout-the-built-environment-lifecycle/>

Need To Find Feasible Ways To Boost Adoption Of Modern Technologies In Construction: Puri



Union Minister for Housing and Urban Affairs Hardeep Singh Puri addresses a conference on 'Adoption of New and Emerging Building Materials & Technologies in Construction Industry', New Delhi.

NEW DELHI, Aug 25: Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new technologies in the construction industry.

The minister was addressing a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members.

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment in this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.

On its part, the ministry has short-listed 54 innovative construction technologies from all over the world under the Global Housing Technology Challenge and six light house projects were selected in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala under which 6,368 houses are being built using innovative construction technologies.

"With these light house projects, I believe that the Modi government has laid down the roadmap for the construction industry to reorient itself and support the vision of the Prime Minister in achieving net zero emission by 2030," Puri said.

He cited various benefits of the use of new technologies in these six projects — 50 per cent reduction in construction time, 15-20 per cent saving of cement, 20 per cent reduction in construction waste, 10-20 per cent reduction in cost of construction, 20-25 per cent enhanced thermal comfort, 4-Star green GRIHA rating, low lifecycle cost, 20 per cent reduction in energy and 35 per cent reduction in GHG emissions, among others.

The project in Chennai, comprising 1,152 houses, was completed in a record 12 months. The project in Rajkot, consisting of 1,144 houses, has also been delivered and the remaining four projects will also be completed shortly, he said.

"India in 2030 will have an urban population of over 600 million. Cities, as the hub of economic activity, will be responsible for more than 70 per cent of the country's GDP by 2030," Puri said.

With rapid urbanisation and faster economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next two decades or so. He asked the industry players to gear up to encash this growth opportunity.

At the same time, Puri said cities are also major contributors to climate change.

The United Nations Environment Programme (UNEP) estimates that cities emit up to 75 per cent of the global CO₂-equivalent emissions globally. Buildings and urban transport are amongst the largest contributors.

He expressed confidence that India will be second globally in the metro network.

"We are slowly but surely on the way to establishing the world's second largest metro system. That's going to happen before too long," he said, adding that much of the acceleration in building metros has happened in the last nine years.

"The Modi government has viewed urbanisation as an opportunity for multifaceted growth. India boasts to have one of the most comprehensive programmes for planned urbanisation," he said.

On the Pradhan Mantri Awas Yojana-Urban (PMAY-U), Puri said this mission has not only addressed the issue of affordable housing for India's urban poor but has also created sustainable and green infrastructure.

The PMAY-U has emerged as one of the largest affordable housing schemes in the world by sanctioning more than 1.18 crore houses. Out of these, work has started for 1.13 crore houses and more than 76 lakh houses have been delivered to beneficiaries.

"About 43.3 lakh houses under the mission are being constructed using sustainable building materials such as fly ash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO₂ emissions by the end of December 2024," Puri said.

Housing and Urban Affairs Secretary Manoj Joshi said there is a need to take new technologies to smaller cities.

Joshi said state-owned NBCC and CPWD (Central Public Works Department) will use new technologies for the construction of government buildings.

CREDAI Chairman Manoj Gaur and CREDAI President Boman Irani also spoke about the initiatives taken by the association to promote green buildings. (Agencies)

<https://www.dailyexcelsior.com/need-to-find-feasible-ways-to-boost-adoption-of-modern-technologies-in-construction-puri/>



Need to find feasible ways to boost adoption of modern technologies in construction: Puri

Urban Development

PTI| New Delhi | India

Updated: 25-08-2023 15:06 IST | Created: 25-08-2023 15:05 IST



Image Credit: ANI

Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new technologies in the construction industry.

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<https://www.devdiscourse.com/article/science-environment/2570720-need-to-find-feasible-ways-to-boost-adoption-of-modern-technologies-in-construction-puri?amp>

“Hon’ble Minister for Housing & Urban Affairs inaugurates conference on ‘Adoption of New and Emerging Building Materials and Technologies in Construction Industry’ in association with CREDAI”



NEW DELHI, August 26, 2023: Shri Hardeep Singh Puri, Hon’ble Minister for Housing and Urban Affairs & Petroleum and Natural Gas, today (25th August 2023) inaugurated a

conference on “Adoption of New and Emerging Building Materials and Technologies in Construction Industry” at Vigyan Bhawan, New Delhi. Shri Kaushal Kishore, Hon’ble Minister of State for Housing and Urban Affairs also graced the occasion. The day-long event was hosted by Ministry of Housing and Urban Affairs (MoHUA), in partnership with Confederation of Real Estate Developers Association of India (CREDAI). Shri Manoj Joshi, Secretary, MoHUA and several key dignitaries from real estate, housing and construction sectors, senior officials from the Ministry and State/UT Governments also attended the event.

The conference brought together real estate developers, subject matter experts, urban practitioners and stakeholders from various sectors of the construction industry for cross learning and sharing of ideas for adoption and mainstreaming of innovative construction technologies, materials and processes.

In his keynote address, Hon'ble Minister for Housing and Urban Affairs, spoke about how the Ministry has adopted several innovative technologies under different projects. The Hon'ble Minister said, *"The Government has laid down the roadmap for the construction industry and this conference has brought together some of the finest minds in construction technology and the Indian Real Estate industry. It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry and I am confident that the deliberations of this conference will be beneficial for reforming the future discourses in this regard."*

The conference raised awareness on emerging and sustainable building materials and construction technologies among a wide range of stakeholders which would ensure a more sustainable future.

CREDAI President Boman Irani shared his remarks *"This conference is a testimony of the labours of the Government of India to give a decisive impetus to all around infrastructural growth of the nation. We laud the efforts of the Government to introduce major policy guidelines and initiatives such as the RERA, GST, Housing for All, Smart cities, among others, that have helped streamline the regulatory process and bring contemporary development. This visionary leadership has paved the path for developers to embark on this journey of building the way to the future. We at CREDAI are grateful to host this conference as it acts as a pivotal platform for all stakeholders to explore, learn and share knowledge about new building technologies that we're constantly trying to amalgamate in all our projects to achieve sustainability and innovation."*

Technology transition through Light House Projects (LHPs) under Pradhan Mantri Awas Yojana (Urban) and the experience of constructing the model housing project at six locations, namely Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala was discussed in detail during the event.

Following the inaugural event, sessions with experts and prominent speakers were held. Two panel discussions on the topics – "Role of Private Sector in Mainstreaming Innovative Construction Technology Ecosystem" and "Promotion of New & Emerging Building Materials and Processes", were held during which experts from different organisations shared their views.

The conference on “Adoption of New and Emerging Building Materials and Technologies in Construction Industry” saw a huge footfall of developers and other stakeholders who engaged in insightful discussions and shared innovative ideas and explored the latest trends in adoption of new and emerging building materials and technologies. The participants included officers from private and government sectors, representatives of technology providers, innovators, construction agencies, professionals, academicians among others.

Manoj Gaur, Chairman, CREDAI, while expressing his gratitude through a vote of thanks said, *“Today, we are paying a tribute to the progress in propagating building technologies and materials in the construction sector in the nation. The Ministry of Housing and Urban Affairs should be thanked for how they have played a key role in the incorporation of global housing technologies here in India.”*

<https://thepropertytimes.in/honble-minister-for-housing-urban-affairs-inaugurates-conference-on-adoption-of-new-and-emerging-building-materials-and-technologies-in-construction-industry-in-association-with-credai/>

Bharat Express



Union Minister Hardeep Puri Urges Exploration Of New Technologies In Construction Industry During Conference

Conference on “Adopting Emerging Building Materials and Technologies in the Construction Industry” inaugurated with support from CREDAI



New Delhi: On Friday, the Honorable Minister of Housing and Urban Affairs, and Petroleum and Natural Gas, Shri Hardeep Singh Puri inaugurated a conference on “Adopting Emerging Building Materials and Technologies in the Construction Industry” at Vigyan Bhawan. State Minister for Housing and Urban Affairs, Kausal Kishor, was also present at the event. The Ministry of Housing and Urban Affairs (MoHUA) hosted this conference in partnership with the Confederation of Real Estate Developers’ Association of India (CREDAI). Secretary of MoHUA, Manoj Joshi, and several prominent figures from the real estate, housing, and construction sectors were in attendance. Senior officials from the Ministry and state/central governments were also part of the program.

The conference shared ideas aimed at incorporating innovative construction technologies, materials, and processes into mainstream practice, drawing input from various segments of the construction industry including real estate developers, subject matter experts, urban planners, and stakeholders.

During his speech, the Minister of Housing and Urban Affairs highlighted the adoption of various new technologies under different projects. Minister Puri stated, "The government has prepared a roadmap for the construction industry, and this conference brings together innovative construction technologies and some of the best suggestions from the Indian real estate industry. It is important that we explore easy ways to adopt emerging materials and technologies in the construction industry. I am confident that the discussions and ideas shared in this conference will contribute to improving future dialogues on this matter."

The conference enhanced awareness regarding sustainable and durable construction materials and technologies among stakeholders, ensuring a more resilient future. Sharing his comment, President of CREDAI, Boman Irani, said, "This conference is evidence of the government's efforts to provide significant momentum to comprehensive structural development in the nation. We commend the government's initiatives to present regulations systematically and aid contemporary development. This visionary leadership has laid a robust foundation for shaping the path to the future for developers. We at CREDAI are grateful to host this conference, which serves as an important platform to discover, learn, and share knowledge about new construction technologies for the benefit of all stakeholders."

Chairman of CREDAI, Manoj Gaur, expressed gratitude through a vote of thanks, saying, "Today, we are grateful for the progress in the promotion and propagation of construction technologies and materials in the construction sector in the country. Credit goes to the Ministry of Housing and Urban Affairs for their role in integrating global housing technologies in India. During the program, a detailed discussion took place on the experiences of technology adoption and sustainable construction of Model Housing Projects in six locations, namely Chennai, Rajkot, Indore, Lucknow, Ranchi, and Agartala, under the Pradhan Mantri Awas Yojana (Urban). After the inauguration ceremony, sessions were held with experts and key speakers. Two panel discussions were organized on the topics of 'Role of the Private Sector in Bringing Innovative Construction Technology Ecosystem into the Mainstream' and 'Promoting Adoption of Emerging Building Materials and Processes.' These sessions involved participants from both private and government sectors, technology providers, innovators, construction agencies, professionals, educators, and more.

<https://bharatexpress.com/india/union-minister-hardeep-puri-urges-exploration-of-new-technologies-in-construction-industry-during-conference-76553>

INDIA INFRAHUB

Union Minister Hardeep Singh Puri Stresses On Adopting Innovative Tech For Urban Planning And Construction

By Arun Kumar Das - August 27, 2023

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Stressing the urgent need to decarbonise environment, Housing and Urban Affairs Minister Hardeep S Puri has advocated for using innovative construction technologies to reduce cost and time for completion of the housing projects.

Inaugurating the Conference on Adoption of New and Emerging Building Materials and Technologies in Construction Industry, the Minister said that the Modi government has viewed urbanisation as an opportunity for multifaceted growth and therefore India boasts one of the most comprehensive programmes for planned urbanisation.

Puri highlighted the need to view urban planning from the perspective of embedding sustainability and climate resilience across the lifecycle of built environment.

The Minister shared the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.

It is against this backdrop, that the Pradhan Mantri Awas Yojana-Urban (PMAY-U), the flagship housing scheme of the Ministry, gains particular significance as it has addressed the issue of affordable housing for India's urban poor while creating sustainable and green infrastructure.

Highlighting the use of green construction technologies in PMAY-U, Puri informed the gathering that about 43.3 lakh houses are being constructed under the mission using sustainable building materials such as flyash bricks/blocks and AAC blocks.

These houses will contribute to a reduction of 9 million tonnes of CO2 emissions by the end of December 2024.

In order to bring a paradigm shift in the housing construction sector, the Ministry of Housing and Urban Affairs (MoHUA) shortlisted 54 innovative construction technologies from all over the world, under the Global Housing Technology Challenge (GHTC).

Further, 6,368 houses are being built under six light house projects currently being implemented in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala.

The Minister shared the multiple benefits of using these innovative construction technologies, including reduction in construction cost, time, cement used and waste generated apart from the enhanced thermal comfort and low lifecycle costs.

Minister of State for Housing and Urban Affairs Kaushal Kishore reiterated the need to provide quality housing to all strata of society, using latest and innovative technologies, as this would contribute to a better quality of life in the new and self reliant India.

Housing and Urban Affairs Secretary Manoj Joshi also underscored the importance of promoting and mainstreaming the modern and green construction technologies which will help the country to address the rising housing demand.

These building materials facilitate faster and better quality housing construction to suit different geo-climatic and hazard conditions of the country.

The conference organised by CREDAI, in collaboration with CPWD and NBCC, brought together some of the brightest minds in the construction and real estate industries.

<https://indiainfrahub.com/transport-and-housing/union-minister-hardeep-singh-puri-stresses-on-adopting-innovative-tech-for-urban-planning-and-construction/>



Need to find feasible ways to boost adoption of modern technologies in construction: Puri



New Delhi : Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more than 60 crore people are estimated to reside in cities by 2030 because of rapid urbanisation and stressed the need to increase adoption of new technologies in the construction industry.

The minister was addressing a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members.

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment in this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the movement from these older technologies into new cutting-edge technologies in the construction industry.

On its part, the ministry has short-listed 54 innovative construction technologies from all over the world under the Global Housing Technology Challenge and six light house projects were selected in Chennai, Rajkot, Indore, Lucknow, Ranchi and Agartala under which 6,368 houses are being built using innovative construction technologies.

"With these light house projects, I believe that the Modi government has laid down the roadmap for the construction industry to reorient itself and support the vision of the Prime Minister in achieving net zero emission by 2030," Puri said.

He cited various benefits of the use of new technologies in these six projects — 50 per cent reduction in construction time, 15-20 per cent saving of cement, 20 per cent reduction in construction waste, 10-20 per cent reduction in cost of construction, 20-25 per cent enhanced thermal comfort, 4-Star green GRIHA rating, low lifecycle cost, 20 per cent reduction in energy and 35 per cent reduction in GHG emissions, among others.

The project in Chennai, comprising 1,152 houses, was completed in a record 12 months. The project in Rajkot, consisting of 1,144 houses, has also been delivered and the remaining four projects will also be completed shortly, he said.

"India in 2030 will have an urban population of over 600 million. Cities, as the hub of economic activity, will be responsible for more than 70 per cent of the country's GDP by 2030," Puri said.

With rapid urbanisation and faster economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next two decades or so. He asked the industry players to gear up to encash this growth opportunity.

At the same time, Puri said cities are also major contributors to climate change.

The United Nations Environment Programme (UNEP) estimates that cities emit up to 75 per cent of the global CO₂-equivalent emissions globally. Buildings and urban transport are amongst the largest contributors.

He expressed confidence that India will be second globally in the metro network.

"We are slowly but surely on the way to establishing the world's second largest metro system. That's going to happen before too long," he said, adding that much of the acceleration in building metros has happened in the last nine years.

"The Modi government has viewed urbanisation as an opportunity for multifaceted growth. India boasts to have one of the most comprehensive programmes for planned urbanisation," he said.

On the Pradhan Mantri Awas Yojana-Urban (PMAY-U), Puri said this mission has not only addressed the issue of affordable housing for India's urban poor but has also created sustainable and green infrastructure.

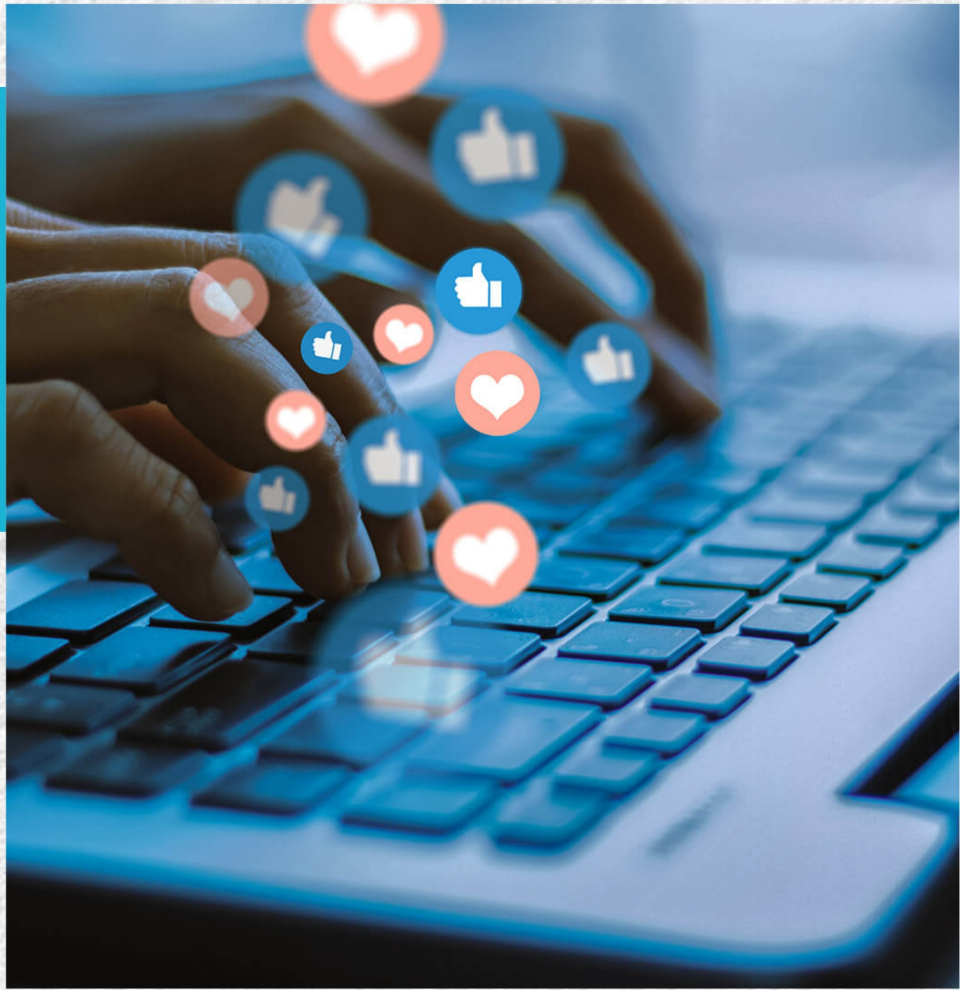
The PMAY-U has emerged as one of the largest affordable housing schemes in the world by sanctioning more than 1.18 crore houses. Out of these, work has started for 1.13 crore houses and more than 76 lakh houses have been delivered to beneficiaries.

"About 43.3 lakh houses under the mission are being constructed using sustainable building materials such as fly ash bricks/blocks and AAC blocks. These houses will contribute to a reduction of 9 million tonnes of CO₂ emissions by the end of December 2024," Puri said.

Housing and Urban Affairs Secretary Manoj Joshi said there is a need to take new technologies to smaller cities.

Joshi said state-owned NBCC and CPWD (Central Public Works Department) will use new technologies for the construction of government buildings.

<https://dailythelatest.in/need-to-find-feasible-ways-to-boost-adoption-of-modern-technologies-in-construction-puri/>



SOCIAL MEDIA



Hardeep Singh Puri @HardeepSPuri · Aug 25

Participated in the conference on 'Adoption of New & Emerging Building Materials & Technologies in Construction Industry' which brought together the stakeholders of construction & real estate industries engaged in giving transforming India's urban landscape.



PMO India and 9 others



2



501



578



5,030



Kaushal Kishore @mp_kaushal · Aug 25

आज विज्ञान भवन, नई दिल्ली में आयोजित "Adoption of New and Emerging Building Materials & Technologies in Construction Industry" में माननीय मंत्री श्री @HardeepSPuri जी के साथ उपस्थित हुआ और उपस्थित गणमान्य जनों को संबोधित किया।



Narendra Modi and 7 others



4



6



42



518



Manoj Joshi
@Secretary_MoHUA

माननीय प्रधानमंत्री @narendramodi जी के नेतृत्व में देश में PMAY लाइट हाउस प्रोजेक्ट्स में भवन निर्माण में नई तकनीकों का इस्तेमाल किया जा रहा है।

[Translate post](#)



youtube.com
Secretary, MOHUA Speaking on "Adoption of New & Emer...
The new technologies to ensure better quality and timely construction which will also reduce the damage of natural...

10:43 AM · Aug 26, 2023 · 1,506 Views

6 Reposts 15 Likes



Post your reply!

Reply



Manoj Joshi @Secretary_MoHUA · Aug 26

इसी क्रम में @MoHUA_India द्वारा सरकारी इमारतों के निर्माण में नई टेक्नोलॉजी के इस्तेमाल पर बल दिया जा रहा है। जिससे प्राकृतिक संसाधनों को भी नुकसान न पहुंचे व कम समय में इमारतों को बनाया जा सके।

@HardeepSPuri @mp_kaushal @MoHUA_India @PMAYUrban @CPWDGOV @PIB_India @PIB_MoHUA



Housing For All
@PMAYUrban

Shri @HardeepSPuri, Hon'ble Minister @MoHUA_India, inaugurated the Conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry" at Vigyan Bhawan in New Delhi.

#HousingForAll #PMAYUrban #ConstructionTechnology
#InnovativeTechnologies





Housing For All
@PMAYUrban



Shri @mp_kaushal, Hon'ble Minister of State for @MoHUA_India is also present at the event, along with Shri Manoj Joshi, @Secretary_MoHUA & other stalwarts for the real estate & housing sector.

#ConferenceOnConstructionTechnologies #GHTCIndia
#TransformingUrbanLandscape #G20India



pmay_urban



pmay_urban Mr Boman R Irani, President, @creda_i_national, delivered the welcome note at the conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry. He appreciated MoHUA's efforts to transform construction landscape of India by adopting innovative construction technologies for #LightHouseProjects & other housing projects. Mr Irani also spoke about the remarkable transformation that #PMAYUrban has brought by providing affordable houses to people.

#HousingForAll #PMAYUrban #ConstructionTechnologies
#ConferenceOnConstructionTechnologies #GHTCIndia
#TransformingUrbanLandscape #G20India

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19 likes
4 DAYS AGO


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Post



 pmay_urban

 pmay_urban Shri Manoj Joshi, Secretary, MoHUA, in his address at conference on "Adoption of New & Emerging Building Materials & Technologies in Construction Industry" said that the event will help in mainstreaming the best available construction technologies across the country & enable people to know about their use. Shri Joshi also added that gradually, the conventional construction practices are being replaced by new innovative technologies & MoHUA is making sure to do it. He said eventually the small cities should also be using new technologies to ensure better quality and timely construction which will also reduce the damage of natural resources.

#HousingForAll #PMAYUrban #ConstructionTechnology #InnovativeTechnologies #ConferenceOnConstructionTechnologies #GHCIIndia #TransformingUrbanLandscape #G20India

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♡ 🔍 🗑️ 🔖

👤 Liked by truhdb and 11 others
4 DAYS AGO

😊 Add a comment... 🔗



 pmay_urban

 pmay_urban At the conference on "Adoption of New & Emerging Building Materials & Technologies in Construction Industry," Shri Kaushal Kishore, Hon'ble Minister of State for Ministry of Housing and Urban Affairs explained about the visionary #LightHouseProject initiative under #PMAYUrban & how it's benefiting the construction sector. Hon'ble MoS also shared about how people are learning about new innovative technologies by visiting the #LHP sites in large numbers.

#HousingForAll #PMAYUrban #ConstructionTechnology #InnovativeTechnologies #ConferenceOnConstructionTechnologies #GHCIIndia #TransformingUrbanLandscape #G20India

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👤 14 likes
4 DAYS AGO



pmay_urban

pmay_urban Shri Hardeep Singh Puri, Hon'ble Minister for Ministry of Housing and Urban Affairs delivered the keynote address at conference on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry".

Hon'ble Minister highlighted the perfect timing of hosting the conference as people across the country are ecstatic about #Chandrayaan-3's successful landing on moon.

Speaking further, Hon'ble Minister shared about the concept of #GHTCIndia & the vision behind it which led to the initiative of #LightHouseProjects. Hon'ble Minister mentioned that he is happy that the focus is now on new construction technologies & added how #PMAYUrban has had a profound transformative impact.

#HousingForAll #PMAYUrban #ConstructionTechnology #InnovativeTechnologies #ConferenceOnConstructionTechnologies #GHTCIndia #TransformingUrbanLandscape #G20India

16 likes
4 DAYS AGO

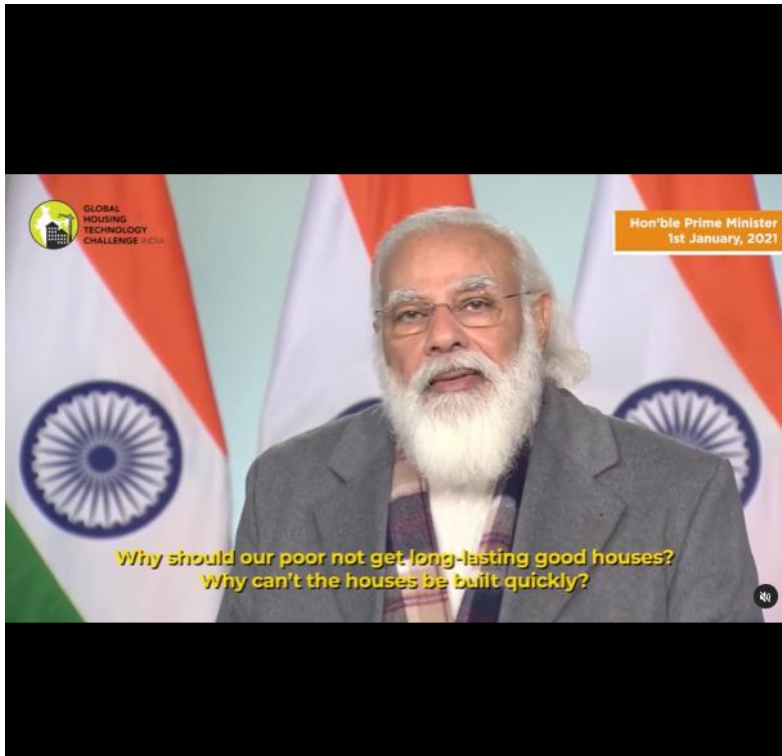
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Housing For All
@PMAYUrban

A glimpse of the conference held today on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry" by @MoHUA_India in association with @CREDAINational.





pmay_urban
Original audio

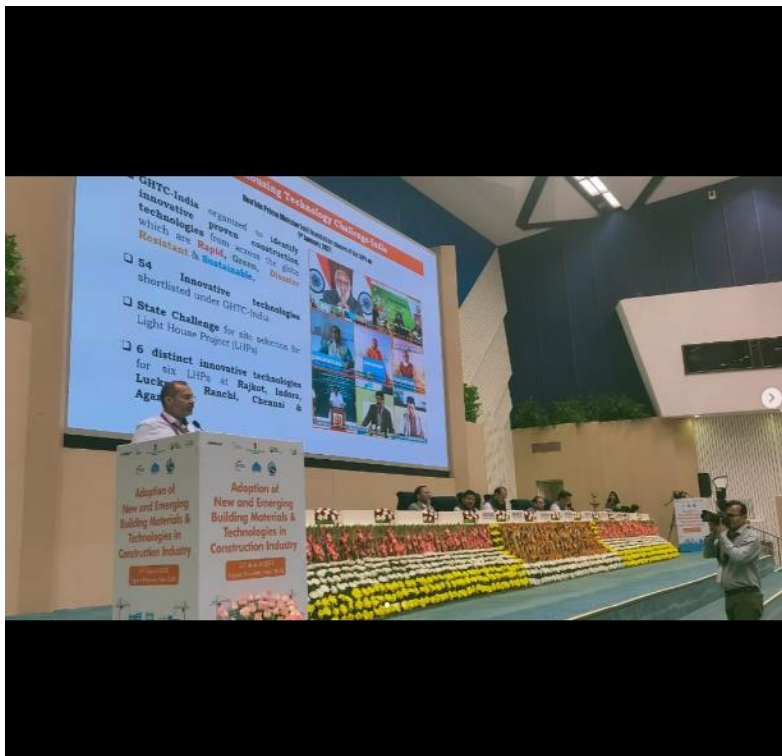
pmay_urban An insight into #LightHouseProjects. The video showcases innovative construction technologies used in all six LHP projects. Explore the future of housing as we turn the spotlight into innovation, sustainability & urban transformation in India.

#HousingForAll #PMAYUrban #ConstructionTechnologies #InnovativeTechnologies #ConstructionSector #GHTCIndia #TransformingUrbanLandscape #G20India

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4 DAYS AGO



pmay_urban

pmay_urban After the inaugural session at "Adoption of New and Emerging Building Materials & Technologies in Construction Industry", Shri Kuldip Narayan, JS&MD, HFA led the technical session on aspects of built environment, wherein he shared a presentation on Technology Transition through Light House Projects. JS&MD, HFA spoke about the inception of these model housing projects & how it is adding value to helping in bringing a sustainable tomorrow.

At the session, construction agency officials of 6 #LHP also shared their experience of constructing the project at six locations across the country.

#HousingForAll #PMAYUrban #ConstructionTechnology #InnovativeTechnologies #ConferenceOnConstructionTechnologies #GHTCIndia #TransformingUrbanLandscape #G20India

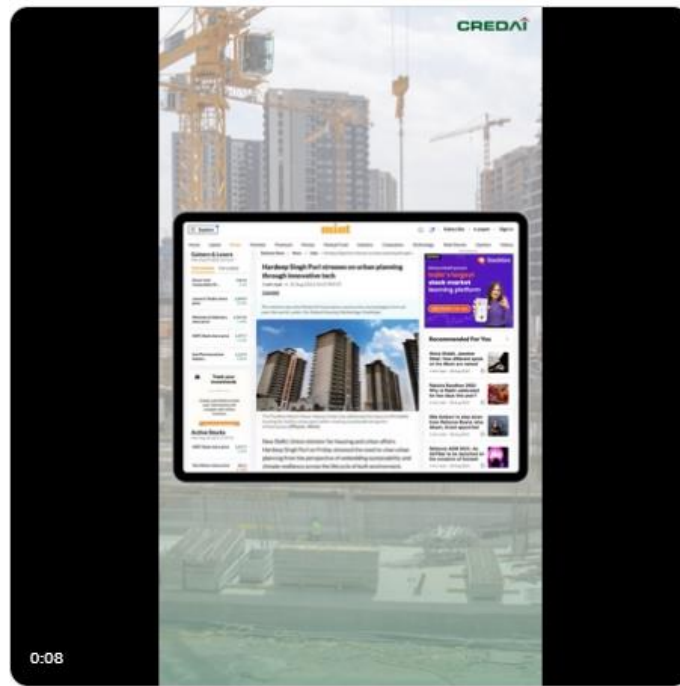
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14 likes
4 DAYS AGO

CREDAI National
@CREDAINational

Media coverage from the recent conference on the 'Adoption of New & Emerging Building Materials & Technologies in Construction Industry' - hosted by CREDAI in association with the Ministry of Housing & Urban Affairs gets featured in leading newspapers across India such as



Housing For All
@PMAYUrban

MoHUA invites you to be part of conference on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry" on 25th August 2023 at Vigyan Bhawan, New Delhi.

#HousingForAll #PMAYUrban #InnovativeTechnologies





Housing For All @PMAYUrban · Aug 21



The platform aims to bring together real estate developers, experts/practitioners from various sectors of construction industry for cross learning & sharing ideas for adoption & mainstreaming of innovative [#constructiontechnologies](#), materials & processes.

[#ConstructionSector](#)



1



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7



449



Housing For All @PMAYUrban · Aug 21



The conference is being held in partnership with [@CREDAINational](#) and [@CPWDGOV](#), [@OfficialNBCC](#), [@ficci_india](#) & [@bmtpcdelhi](#) are involved as Knowledge Partners.

Register here for free to be part of the conference:

forms.gle/N76zBnjPihPsS8...

[#TransformingUrbanLandscape](#) [#G20India](#)



Housing For All
@PMAYUrban



On 25th August, Shri [@HardeepSPuri](#), Hon'ble Minister for Housing and Urban Affairs and Petroleum & Natural Gas, will inaugurate conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry" at Vigyan Bhawan, New Delhi.

[#HousingForAll](#)

The poster features logos for CREDAI, Ministry of Housing and Urban Affairs, Global Housing Technology Challenge 2023, G20, FICCI, NBCC, and CPWD. The central text reads: "Adoption of New and Emerging Building Materials & Technologies in Construction Industry". Below this is a portrait of Shri Hardeep S. Puri, labeled "Chief Guest". His title is "Hon'ble Minister for Housing and Urban Affairs and Petroleum & Natural Gas". The event is scheduled for "25th August 2023" at "Vigyan Bhawan, New Delhi". The bottom of the poster includes social media handles: @PMAYUrban, pmayurban/pmayurban2022, PMAY Urban, pmay_urban, pmay-urban.gov.in, and ghdc-india.gov.in.



Housing For All
@PMAYUrban

...

The conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry", being organised by @MoHUA_India in partnership with @CREDAINational, promises to be an enriching experience for participants.

#HousingForAll #PMAYUrban

The poster features logos for CREDAI, MoHUA, Ministry of Housing and Urban Affairs, Government of India, G20, FICCI, N.B.C.C., and CPWD. The main title is "Adoption of New and Emerging Building Materials & Technologies in Construction Industry". Below the title, it lists "Panel Discussions on" two topics: "Role of Private Sector in Mainstreaming Innovative Construction Technology Ecosystem" and "Promotion of New & Emerging Building Materials and Processes". The event is scheduled for "25th August 2023" at "Vigyan Bhawan, New Delhi". The bottom of the poster shows a silhouette of a city skyline with construction cranes and buildings. Social media handles and website links are listed at the very bottom.



Housing For All @PMAYUrban - Aug 22

...

Technical sessions & panel discussions have been planned, where experts would talk about different aspects related to #ConstructionTechnology, its promotion & other relevant topics.

REGISTER NOW & be a part of the one-day conference:
forms.gle/N76zBnjPihPsS8...



At the conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry", a session on [#LightHouseProjects](#) under [#PMAYUrban](#), technology transition through the model housing project & the experience of constructing it (1/2)

[#HousingForAll](#)

Conference on Adoption of New and Emerging Building Materials & Technologies in Construction Industry

Demonstration of six innovative technologies through Light House Projects

LHP Chennai, LHP Rajkot, LHP Indore, LHP Lucknow, LHP Ranchi, LHP Agartala

@PMAYUrban | pmayurban/pmayurban2022 | PMAY Urban | pmay_urban | pmay-urban.gov.in | ghrc-india.gov.in



Housing For All @PMAYUrban · Aug 23

at different locations using globally innovative technologies will be discussed in detail. Don't miss the opportunity! (2/2)

The conference will start from 10.30 am onwards on 25th August 2023 at Vigyan Bhawan, New Delhi.

Register here:

Adoption of New and Emerging Building Materials and Technologies in Construction Industry

This session will highlight the adoption of new and emerging building materials and technologies in construction industry. The session will focus on the adoption of new and emerging building materials and technologies in construction industry. The session will focus on the adoption of new and emerging building materials and technologies in construction industry.

25th August 2023, 10:30 AM onwards

Vigyan Bhawan, New Delhi

docs.google.com

"Adoption of New and Emerging Building Materials... CREDAI in association with MoHUA has organized one-day conference which provides a platform for...



Housing For All
@PMAYUrban



This Friday, participate in conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry" & engage in insightful discussions with experts & listen to them talk about latest trends of building materials & technologies (1/2)

The poster features a central graphic of interlocking gears representing various stakeholders: Real Estate Developers (orange), Public/Private Agencies (grey), States/UTs (teal), Architects & Engineers (blue), Technical Professionals (green), and Experts/Practitioners (light green). The background shows a construction site with a crane and building outlines.

**Conference on
Adoption of
New and Emerging Building Materials &
Technologies in Construction Industry**

**25th August 2023
Vigyan Bhawan, New Delhi**

Logos at the top include: CREDAI, Ministry of Housing and Urban Affairs Government of India, GLOBAL HOUSING TECHNOLOGY CHALLENGE 2024, and G20.

Logos on the left include: FICCI, NBCC, and ANUPA.

Footer: @PMAYUrban | pmayurban/pmayurban2022 | PMAY Urban | pmay_urban | pmay-urban.gov.in | ghac-india.gov.in

 Housing For All
@PMAYUrban

The stage is all set for the conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry" to be held at Vigyan Bhawan in New Delhi on 25th August.

#HousingForAll #PMAYUrban #ConstructionTechnologies
#InnovativeTechnologies



 Housing For All
@PMAYUrban

The conference on "Adoption of New and Emerging Building Materials and Technologies in Construction Industry", to be held tomorrow, is an effort to raise awareness & share knowledge on emerging & sustainable development methods among relevant stakeholders.

#HousingForAll





...

It's showtime!

The exclusive conference on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry", being hosted by @MoHUA_India in association with @CREDAINational, is being held today in New Delhi.

#ConferenceOnConstructionTechnologies

The poster features a background image of construction materials including a yellow hard hat, white pipes, and a pencil. At the top, logos for CREDAI, Ministry of Housing and Urban Affairs, and G20 are displayed. The central text reads: "Adoption of New and Emerging Building Materials & Technologies in Construction Industry". Below this, a blue box contains the text: "Platform to engage, share & explore latest trends in construction technologies". At the bottom, a yellow banner states "Vigyan Bhawan, New Delhi" and "Time: 9:30am Onwards". A footer bar includes social media handles and website links.

... ..

CREDAI National @CREDAINational

India's first & exclusive conference on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry" hosted by CREDAI in association with MoHUA (Ministry of Housing & Urban Affairs) promises to be an eye-opening & enriching experience for every



CREDAI National @CREDAINational · Aug 21
single participant. Our extensive itinerary consists of many esteemed speakers and speaker panels - aimed at initiating a rewarding conversation around the future of construction & real estate and the role innovative technology & sustainable construction materials stand to play

1 1 4 57

CREDAI National @CREDAINational · Aug 21
in making it better.

What's more is that it is open to everyone!

So, what are you waiting for?

Click on the registration link below and register NOW!

Link: forms.gle/N76zBnjPihPsS8...

[#CREDAI](#) [#CREDAINational](#) [#ConstructionTech](#) [#BuildingMaterials](#) [#InnovationInConstruction](#)

Adoption of New and Emerging Building Materials and Technologies in Construction Industry

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docs.google.com

"Adoption of New and Emerging Building Materials... CREDAI in association with MoHUA has organized one-day conference which provides a platform for...

CREDAI National
@CREDAINational

Keynote address by Shri Hardeep Singh Puri, Hon'ble Minister for Housing & Urban Affairs & Minister of Petroleum and Natural Gas, Govt of India at India's first & exclusive conference on 'Adoption of New & Emerging Building Materials & Technologies in Construction Industry' hosted



CREDAI National @CREDAINational · Aug 22

by CREDAI in association with MoHUA (Ministry of Housing & Urban Affairs).

We eagerly await your presence & look forward to making this maiden conference a success together!

Registration is mandatory & free to be a part of the most important conversation in the Indian

1 1 4 53



CREDAI National @CREDAINational · Aug 22

construction & real estate industry.

Register now: forms.gle/N76zBnjPihPsS8...

#CREDAI #CREDAINational #KeynoteAddress #BuildingTechConference #CREDAIEvent #InnovationInConstruction #MinistryOfHousing #RealEstateForum #ConstructionTech #GovtConference #BuildingMaterials

Adoption of New and Emerging Building Materials and Technologies in Construction Industry

docs.google.com

"Adoption of New and Emerging Building Materials... CREDAI in association with MoHUA has organized one-day conference which provides a platform for...

CREDAI National @CREDAINational · Aug 24

Join us tomorrow for India's maiden conference on 'Adoption of New and Emerging Building Materials & Technologies in Construction Industry' hosted by CREDAI in association with MoHUA (Ministry of Housing & Urban Affairs, Govt of India)

Link - shorturl.at/cyKN3

The poster features logos for CREDAI, Ministry of Housing and Urban Affairs, Government of India, Global Housing Technology Exchange (G2), FICCI, and NBCC. The main text reads: 'Just 1 Day to go for India's inaugural conference on Adoption of New and Emerging Building Materials & Technologies in Construction Industry'. It is hosted by CREDAI in association with MoHUA (Ministry of Housing & Urban Affairs, Govt of India). Pre-registrations are mandatory & open. The event is on 25 August 2023, from 09:30 AM to 05:00 PM, at Vigyan Bhawan, New Delhi. A 'REGISTER NOW!' button is present.

Ministry of Housing and Urban Affairs and 9 others

CREDAI National @CREDAINational · Aug 25

Shri @HardeepSPuri, Hon'ble Minister for Housing & Urban Affairs and Petroleum & Natural Gas, Govt. of India lights the inaugural lamp at India's maiden conference on Adoption of New & Emerging Building Materials & Technologies in Construction Industry
[#TransformingUrbanLandscape](#)



CREDAI National
@CREDAINational

Our esteemed Chief Guest, Shri @HardeepSPuri, Hon'ble Minister for Housing & Urban Affairs & Petroleum & Natural Gas, Govt. of India addresses the delegates during the inaugural ceremony of India's maiden conference on Adoption of New and Emerging



CREDAI National @CREDAINational · Aug 25
Shri @HardeepSPuri, Hon'ble Minister for Housing & Urban Affairs and Petroleum & Natural Gas, Govt. of India compliments CREDAI for hosting this inaugural conference on emerging technologies and materials. He further highlights the synergy in the timing of the



You and 9 others

1 6 10 593

CREDAI National @CREDAINational · Aug 25
conference coming on the heels of one of the most important technological achievements of India's Chandrayaan 3 landing successfully on the Moon.

#TransformingUrbanLandscape #CREDAI #ISRO #ISROChandrayaan3 #ISRO_OurPride #CREDAINational



CREDAI National @CREDAINational · Aug 25 ·



Mr. Manoj Gaur, Chairman, CREDAI, addresses the delegates & the respected speakers with the closing remarks during the inaugural session of India's first of its kind conference on Adoption of New and Emerging Building Materials & Technologies in Construction Industry.... [Show more](#)



CREDAI National @CREDAINational



Shri Kaushal Kishore, Hon'ble Minister of State for Housing & Urban Affairs, Govt. of India addresses the delegates during the inaugural ceremony of India's maiden conference on "Adoption of New and Emerging Building Materials & Technologies in Construction Industry"

[#TransformingUrbanLandscape](#) [#CREDAI](#)



CREDAI National
@CREDAINational

Session on Emerging & Innovative Technologies in progress.
Technologies from Formwork to 3D Printing, Precast to innovative startup in construction will be presented by panelists during the second half of today's conference on



You and 8 others

CREDAI NCR
@CREDAINCR

Hon'ble Minister @HardeepSPuri addressed a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members.

#RealEstate #Construction

TRUST OF INDIA

And feasible ways to boost adoption of modern technologies on: Puri

2023-11-17 10:00



23 (PTI) Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more must be done to increase the adoption of emerging materials and technologies in the construction industry.

Speaking at a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members, Puri said:

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment to this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the conversion from traditional technologies into new and emerging technologies in the construction industry.

In the past, the ministry has also held its massive construction technology forum all over the world under the Global Housing Technology Challenge and its light house projects were selected in Chicago, Dubai, India, London, Zurich and Singapore where 2,500 houses are being built using innovative construction technologies.

"With these light house projects, I believe that the Ministry has laid down the roadmap for the construction industry to adopt emerging materials and technologies in a rapid manner. The process is faster, meaning of a lot of houses, has now been defined and the remaining few projects will also be completed shortly," he said.

"India in 2030 will have an urban population of over 600 million. China is the hub of economic activity, will be responsible for more than 50 per cent of the country's GDP by 2030," Puri said.

To the rapid urbanisation and better economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next few decades as it would be where players can grow up to reach this growth opportunity.

At the same time, Puri said cities are also major contributors to climate change.

The United Nations Environment Programme (UNEP) estimates that cities emit up to 75 per cent of the global CO2 emissions, considering globally, buildings and urban transport are among the largest contributors.

He expressed confidence that India will be a global leader in the smart network.

"We are already fast moving on the way to establishing the world's smartest smart cities. That's going to happen before you know it," he said, adding that much of the acceleration in building smart cities has happened in the last five years.

"The Ministry has viewed automation as an opportunity for real estate growth. Builders need to harness the most comprehensive progression by 'robotic automation'," he said.

On the Indian Smart Cities Urban Urban (ISMA) US, Puri said the minister has not only addressed the issue of sustainable housing but India will have a more smart, sustainable and green infrastructure.

The PMAIU has emerged as one of the largest all-India housing schemes in the world by accelerating more than 1.08 crore houses. Out of these, more than 1.11 crore houses will use the 7 lakh houses have been identified for construction.

"Smart AI, Smart houses under the scheme are for green, smart using sustainable building materials such as 3D printing," Puri said.

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And feasible ways to boost adoption of modern technologies on: Puri

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23 (PTI) Housing and Urban Affairs Minister Hardeep Singh Puri on Friday said more must be done to increase the adoption of emerging materials and technologies in the construction industry.

Speaking at a conference on 'Adoption of New and Emerging Building Materials and Technologies in Construction Industry', being organised by realtors' apex body CREDAI, which represents more than 13,000 developer members, Puri said:

"It is imperative we find feasible ways to increase the adoption of emerging materials and technologies in the construction industry," Puri said.

Talking about the government's commitment to this regard, Puri recalled that the Prime Minister had emphasised the need to accelerate the conversion from traditional technologies into new and emerging technologies in the construction industry.

In the past, the ministry has also held its massive construction technology forum all over the world under the Global Housing Technology Challenge and its light house projects were selected in Chicago, Dubai, India, London, Zurich and Singapore where 2,500 houses are being built using innovative construction technologies.

"With these light house projects, I believe that the Ministry has laid down the roadmap for the construction industry to adopt emerging materials and technologies in a rapid manner. The process is faster, meaning of a lot of houses, has now been defined and the remaining few projects will also be completed shortly," he said.

"India in 2030 will have an urban population of over 600 million. China is the hub of economic activity, will be responsible for more than 50 per cent of the country's GDP by 2030," Puri said.

To the rapid urbanisation and better economic growth, the minister said there will be a lot of business potential for the construction and real estate industries in the next few decades as it would be where players can grow up to reach this growth opportunity.

At the same time, Puri said cities are also major contributors to climate change.

The United Nations Environment Programme (UNEP) estimates that cities emit up to 75 per cent of the global CO2 emissions, considering globally, buildings and urban transport are among the largest contributors.

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