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future cities

a 360 degree event on city development

CAPEX  
Construction Architecture Planning Environment Water

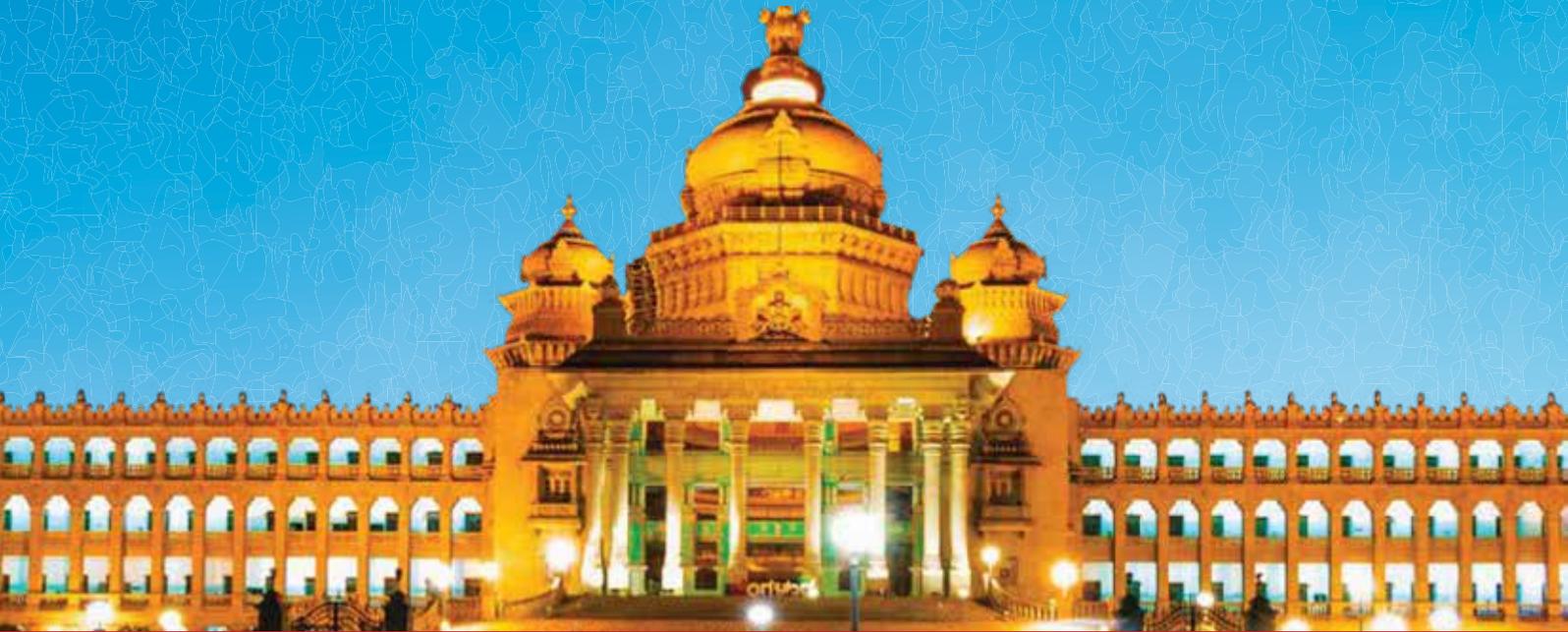
MUNICIPALIKA  
SMART & SUSTAINABLE CITIES

ARCHITECTURE  
IN THE AGE OF MILLENNIALS

THE 17<sup>TH</sup> INTERNATIONAL EXHIBITION & CONFERENCE ON  
SAFE, SMART & SUSTAINABLE CITY SOLUTIONS

28, 29 & 30 NOVEMBER 2023

PALACE GROUNDS, TRIPURAVASINI, BENGALURU



# POST SHOW REPORT 2023

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# FUTURECITIES2023





**28, 29 & 30 NOVEMBER 2023**  
PALACE GROUNDS, TRIPURAVASINI, BENGALURU

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THE 17<sup>TH</sup> INTERNATIONAL EXHIBITION & CONFERENCE ON  
**SAFE, SMART & SUSTAINABLE CITY SOLUTIONS**

**Future Cities** is a groundbreaking mega event introducing, for the first time in India, a comprehensive 360-degree vision of the built environment.

The event features exclusive exhibitions and conferences including municipalika - the 17th edition focusing on safe, smart & sustainable city solutions; capex - showcasing innovative building design, materials & technologies; and architecture in the age of millennials (aam), all held in tandem.

**M**unicipalika is India's leading event in urban development and serves as a platform for discussions, innovations, and collaborations in sustainable city planning. The event brings together government officials, urban planners, industry experts, and stakeholders to exchange ideas, showcase

advancements, and address challenges pertinent to the development and management of cities and municipalities. With a focus on fostering smart, resilient, and inclusive urban spaces, Municipalika serves as a driving force, propelling positive change and steering the future of our communities.





**C**APEX, within the Future Cities exhibition, showcases Revolutionary Architectural Concepts, Advanced Construction Materials, and Game-Changing Technologies. At its 17th edition, CAPEX (Construction, Architecture, Planning, and Engineering Expo) revealed innovative building materials and technologies, highlighting speedy construction, green products, and cutting-edge materials. The City Development Investment Conclave focused on raising financial

resources through Public, Private, and Public-Private Partnerships. Discussions aimed at enhancing urban development schemes while embracing sustainability goals. Overall, CAPEX prioritized sustainability, efficiency, and pioneering solutions in construction and urban development. The exhibition, a hub for industry leaders and innovators, explored the latest advancements reshaping construction and infrastructure.



**The Architecture in The Age of Millennials (AAM)**, a segment of Future Cities, highlights opportunities and challenges for burgeoning architects. Co-curated with Conscious Bengaluru, it prominently featured at the 17th Municipalika, hosted by Good Governance India Foundation and managed by Fairfest Media Limited. AAM within Municipalika gathered thought leaders—architects, designers, engineers—to explore transformations aligned with Millennial preferences. It reflects industries adapting to meet Millennials' tech-savvy, eco-conscious demands. Showcasing designs and fostering discussions, AAM amplifies emerging architects' perspectives, aspirations, and challenges. Offering a forward-looking vision, it showcases how this generation reshapes the architectural landscape in the Millennial era.





## MUNICIPALIKA 2023 WRAPPED UP ITS 17TH EDITION WITH GROUNDBREAKING

**Municipalika 2023**, the acclaimed three-day event focusing on city infrastructure development, concluded a successful show at **Tripura Vasini, Palace Grounds, Bengaluru**. From **November 28th to 30th**, the event brought together over **6,000 delegates, 200+ exhibitors, policymakers, industry professionals, and thought leaders from across the globe**.

The 17th edition was a testament to collaboration and innovation, fostering Safe, Smart, and Sustainable City solutions. The event witnessed insightful panel discussions, displays by industry giants and emerging brands, and a commitment to shaping resilient urban landscapes.

Distinguished leaders like **Shri Keshav Verma**, Chairman of the High-Level Committee on Urban Planning, Ministry of Housing and Urban Affairs, and **Shri Vinayak Pai**, Managing Director and CEO of Tata Projects, set the

tone with visionary addresses on the future of Indian cities.

A highlight of the show was the **Participative Cities Session**, uniting diverse stakeholders in infrastructure and governance. Municipalika 2023 also featured sessions on **fire & life safety, waste management, renewable energy, and more**, catering to multifaceted urban challenges.

The event's inauguration saw the esteemed presence of **Shri Siddaramaiah**, Hon'ble Chief Minister, Government of Karnataka, **Shri D. K. Shivakumar**, Hon'ble Deputy Chief Minister, Government of Karnataka, **Shri B.S. Suresha**, Hon'ble Minister for Urban Development and Town Planning (including KUWSDB and KUIDFC), excluding Bangalore City Development, **Shri Rahim Khan**, Hon'ble Minister for Municipal Administration and Haj, **Ms. Catherine Gallagher**, Minister Commercial,



# DISCUSSIONS AND INNOVATIONS FOR SUSTAINABLE URBAN DEVELOPMENT



Australian High Commission and Head of Austrade: South Asia, **Shri. Rakesh Singh**, IAS, Additional Chief Secretary, Urban Development Department, Government of Karnataka, **Shri Tushar Girinath**, IAS, Chief Commissioner BBMP, Government of Karnataka and other notable personalities, reinforcing the event's significance in driving urban development.

"Municipalika is the right platform to understand problems, find solutions, plan execution, at a global level. Attending all the knowledge-sharing conferences is very important, to learn and apply that knowledge in your concerned local bodies; development is needed not only in Bengaluru, but also Tier 2 & Tier 3 cities. I am extremely happy to attend the inauguration of Municipalika 2023!", commented Shri Siddaramaiah.

The exhibition floor showcased cutting-edge solutions from industry leaders, affirming Municipalika's status as a hub for futuristic city technologies. Notably, the event

fostered international collaborations, with **Australia as the Innovation Partner**, emphasizing bilateral ties and knowledge exchange.

**Host State Karnataka** and associated bodies provided vital support, reflecting the government's commitment to urban development initiatives. Moreover, Municipalika 2023 received substantial backing from various ministries, highlighting a unified dedication to national urban transformation endeavors. The event drew participation from diverse entities, including municipal bodies, urban local bodies, governmental departments, and private sector contributors, emphasizing the collective effort required for sustainable urban growth.

Municipalika 2023 served as a platform for transformative discussions, reaffirming its significance in shaping the future of cities and promoting sustainable urban development on a global scale.

## VIP TESTIMONIALS

"Today, in order to develop at a local level, one must know the measures that cities across the world are adopting for faster development in their region. Municipalika is the right platform to understand problems, find solutions, plan execution, at a global level.



Attending all the knowledge-sharing conferences is very important, to learn and apply that knowledge in your concerned local bodies; development is needed not only in Bengaluru, but also Tier 2 & Tier 3 cities. I am extremely happy to attend the inauguration of Municipalika 2023! I am certain that all representatives will benefit a lot by participating in this show."

**Shri Siddaramaiah**  
**Hon'ble Chief Minister, Government of Karnataka**

"All important leaders, officers, and representatives from various institutions are here at this 17th International Summit of Municipalika 2023. I congratulate all of you on behalf of the Karnataka Government. This is the perfect platform to share your suggestions for best practices in building smart and sustainable cities."



**Shri D. K. Shivakumar**  
**Hon'ble Deputy Chief Minister, Government of Karnataka**





"It gives me immense pleasure as the minister of urban development and town planning to be part of organising this landmark of 17th International Summit of Municipalika 2023. Urban governance has assumed a critical role in the overall governing ecosystem and its importance to growing leaps and bounds in a country like India. This summit serves as an important platform to share knowledge and promote the dialogue, and to network with the people in the field of urban development; ultimately aiming to contribute to creating a more livable, resilient and sustainable urban ecosystem."

**Shri B.S. Suresha**  
**Hon'ble Minister for Urban Development and Town Planning**  
**(including KUWSDB and KUIDFC), excluding Bangalore City Development**



"I am sure that the event will elaborately deliberate on the challenges faced in faster development of Smart Cities and come out with recommendations and solutions to give an impetus to this important task. Government of Karnataka has been taking all initiatives to make the living of our people comfortable by all means in consultation and collaboration with various agencies involved in the task of Urban Development. These will yield tangible results and visible make over in due course of time. I extend warm welcome and greetings to all the delegates on behalf of Government of Karnataka and wish the event a grand success."

**Shri Rahim Khan,**  
**Hon'ble Municipal Administration and Haj Minister**



## VIP TESTIMONIALS



"Over the years, Municipalika has promoted and enhanced the approaches undertaken by the government as it continues India's urban rejuvenation. I am confident that this year's conference and exhibition will also inspire a lot of good ideas and solutions that will be beneficial to the urban space."

**Hardeep S Puri**  
**Minister of Housing and Urban Affairs; and Petroleum and Natural Gas,**  
**Government of India**

Ministry of Housing and Urban Affairs has been participating in and actively supporting Municipalika event for many years and yet again this year, we are happy to extend our support and active participation.



I am glad the all-round city development initiatives are projected in the Exhibition and Conference segments of Municipalika 2023 in a big way. Municipalika is an ideal platform wherein various stakeholders in housing and real estate can leverage the technological innovations thereby creating employment opportunities. The event is a perfect opportunity to display and demonstrate a lot of solutions to meet the massive housing and building challenges; it is a good chance to interact with all the participants from all over India and be a part of the deliberations.

**Manoj Joshi**  
**Secretary, Ministry of Housing and Urban Affairs, Government of India**



# FUTURE CITIES IN NUMBERS



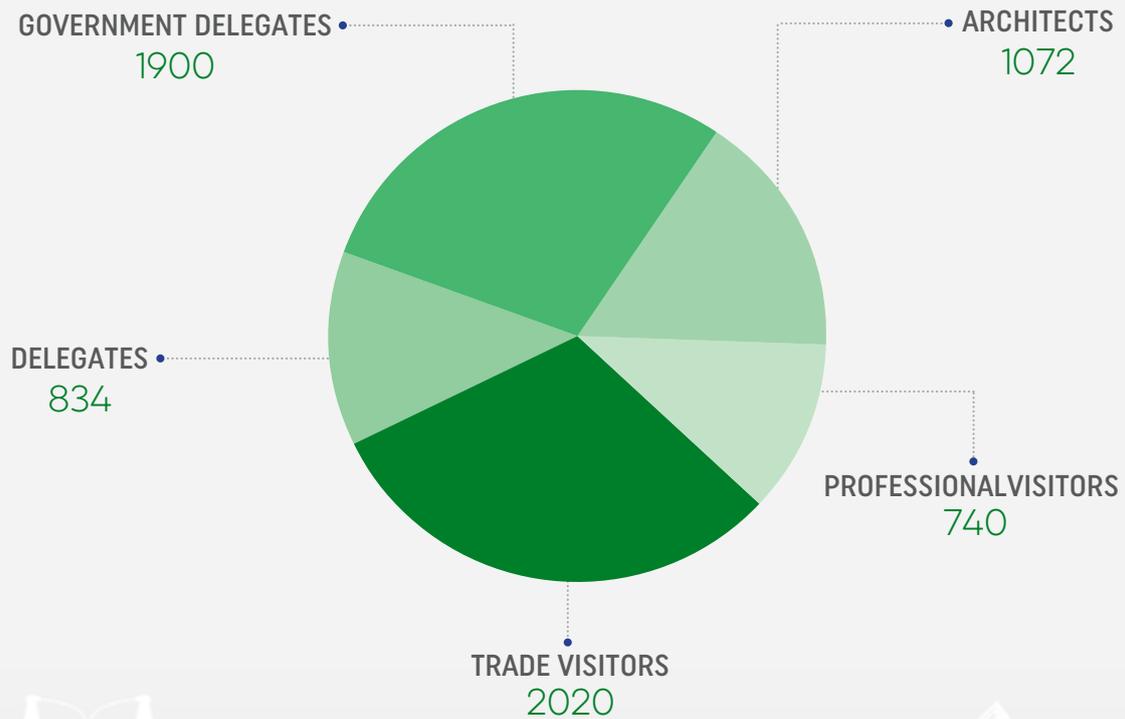
EXHIBITORS  
200+



VISITORS  
6000+



SPEAKERS  
198+



# EXHIBITOR TESTIMONIALS



"Nowadays, almost 40% of the population in India live in urban areas. Shows like Municipalika are a great opportunity to look at the best practices of India, as well as of the rest of the world. This helps authorities to come up with ideas of how to implement these not only at the urban level, but also at the local level. Exhibitions like this have a great impact on the planning for development. We would definitely like to be a part of the next Municipalika."

**Prabhuling Kavalikatti**  
**IAS, Director - Directorate of Municipal Administration, Govt. of Karnataka**

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"The experience at the show has been great. This platform is very useful for us as we have some products that we need to showcase to the government directly, and this show is the perfect place to do that. So, Municipalika is very important for us. I congratulate the organisers for putting up such a great show! We are thankful to the Municipalika team for letting us be a part of the progress that they are working towards for this country."

**A. L. Narasimhan**  
**VP - Strategic Business Alliances, Prama India**

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"It's important for us to be in front of all the municipalities and all the smart cities, so that they can understand where the technology trends are going, and how important a part digitalisation is playing in today's infrastructure. That's why we make it a point to participate in this event to showcase our latest technologies that we are developing in India itself."

**Sabyasachi Bhattacharya**  
**Global Product Line Manager, Digital Solution Instrumentation, ABB India Ltd.**

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"Such exhibitions help us in sharing the information about our upcoming products with the main stakeholders in the industry. It has given us the opportunity to showcase the new and sustainable technologies that we are using for our products, which the visitors here have shown great interest in."

**P M Hiremath**  
**Regional Manager - South, WT & RMD, Ultratech Cement**

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"Displaying our new products to such a large audience really helps. The three days at the show have been wonderful - we had so many prospective customers from various municipalities reaching out to us to understand the kind of solutions that we have showcased here. The response has been absolutely overwhelming."

**Manveer Shetty**  
**DGM, EV Sales - South, Tata Motors**



"We get to meet relevant customers here. We received queries from all levels of cities, including panchayats and talukas, which helped us to understand the problems that they are facing at the grassroots level and this in turn inspired us to come up with solutions for those. We really appreciate this opportunity!"

**Pawan Kumar Chhabra**  
**Director - Marketing & Business Development, SBSEnviro Aqua Concepts Pvt. Ltd.**



"There were a lot of dynamic things going on at this show, which was quite interesting to be a part of. We met a lot of interesting customers for our products; we were able to interact with them and understand what we are able to do for them. A lot of our products are sold to the municipalities of all over India - so, this show definitely helps us to understand the expectations of the southern market and work towards it."

**Folkert De Jong**  
**President - Asia, Keith Walking Floor India Pvt. Ltd.**



"We have recently ventured into a new product and so we thought this will be the right platform to showcase that along with our existing product line. I am sure authorities from different departments who have visited Municipalika are now better aware of the problems faced by people and solutions that are available to be implemented to climb higher on the sustainability index."

**Rajdeep Chowdhury**  
**Business Head - AAC TPO, Painting & Coating, Murfor Compact, Billtech**



"Municipalika has been a huge opportunity for us to introduce our products to the Indian market. To take your products to India, I highly recommend Municipalika! This would surely be a great experience for a lot of companies to be a part of in the future. This is the 17th edition of Municipalika and I think the next one would be even bigger and better. The smart city solutions industry is such an evolving industry that it's important to have a source of information to constantly move forward - this show is that source; it helps one to share and leverage information."

**Mark Carey (GIACD)**  
**CEO, Hydro-dis International Pty. Ltd.**



"I have been part of some excellent discussions at this show, and I am very happy to see the amount of focus given to digitalisation of all the solutions; it reinstates what the Prime Minister has said that we are heading towards a digital India. We are very happy to be here because we got to meet so many people from different states. Our primary function here is to spread the word how digital communications infrastructure can be used within buildings with the new technologies coming up."

**Arun Mukarji**  
**Senior Director - Operations, Broadband India Forum**

# DAY 1 CONFERENCE

## URBAN PLANNING REFORMS & EASE OF DOING BUSINESS

The session explored urban planning reforms and their relationship with improving business operations. Key points highlighted expediting processes through single window/fast track clearances, fostering urban start-ups/SMEs, refining building regulations and Development Control Regulations (DCR), and implementing electronic filing and approval systems for enhanced efficiency.



## FIRE & LIFE SAFETY

This session emphasized critical aspects of fire and life safety, focusing on best practices for fire prevention, firefighting, and mitigation, along with the significance of adhering to fire safety codes and standards. Discussions included proactive prevention and protection strategies, prioritizing life safety, and effective evacuation measures in emergency situations.



## BUILDING MATERIALS AND TECHNOLOGIES: EMERGING TRENDS

The session shed light on the evolving landscape of building materials and technologies, highlighting innovative approaches in utilizing cement, concrete, and composites. Discussions also centered around advancements in steel and related technologies, showcasing emerging trends poised to redefine construction methodologies.

### RIVER CITIES ALLIANCE SPECIAL SESSION (WITH NMCG)

In the special session hosted by the River Cities Alliance and NMCG, the focus was on river-sensitive planning and development. Key topics included strategies for restoring water quality and aligning efforts with Sustainable Development Goals (SDGs), particularly concentrating on equitable water distribution, ensuring access to safe drinking water, and democratizing water resources for sustainable development.



### SMART CITIES

The session offered a retrospective and prospective view of the Smart Cities Mission Programme, focusing on policy, planning, and the integration of smart technologies. It also delved into the significance of human-computer interaction in the design and management aspects, reflecting on the past while contemplating future advancements in creating smarter, more efficient urban spaces.



# DAY 2 CONFERENCE

## WATER(AMRUT)

At the core of discussions regarding the Water (AMRUT) initiative was the goal to ensure equitable access to safe and clean water. Key points highlighted the importance of integrated water resource management, exploring alternative water sources, enhancing water quality, implementing round-the-clock water supply, prioritizing water conservation efforts, and underscoring the protection and management of rivers and water bodies.



## DIGITAL CITIES

The session on Digital Cities explored a comprehensive vision for city transformation. Discussions centered on leveraging geospatial planning, command control centers, and big data integration for informed decision-making. The emphasis was on utilizing GIS/GPS, digital mapping, remote sensing applications, and the integration of AI and IoT to create smarter, more efficient urban environments.



## SUSTAINABLE AND GREEN BUILDING TECHNOLOGIES

The session spotlighted sustainable and green building technologies across various facets. Discussions revolved around eco-friendly approaches in building design and services, focusing on energy-efficient lighting, sustainable electrical installations, innovative HVAC systems, eco-friendly lifts and escalators, and the integration of Information and Communication Technology (ICT) for greener infrastructure.



## SPECIAL COUNTRY PRESENTATION BY AUSTRALIA

A dedicated session highlighted a special presentation by Australia, spotlighting its distinctive initiatives, innovations, and contributions in the domain of urban development, sustainability, or related fields. The presentation showcased Australia's unique approaches, projects, or strategies within the broader scope of urban planning or associated domains on a global scale.



# DAY 3 CONFERENCE

## GREEN CITIES

The conversation on Green Cities explored approaches to seamlessly integrating ecological systems into planning and design. This involved examining methods to achieve pollution-free cities, adopting passive design techniques, prioritizing landscape design for biodiversity, incorporating carbon sequestration strategies, and embracing the Net Zero Mission across water, energy, waste, and carbon to foster sustainable urban environments.



## WHAT ARE THE FUTURE SCENARIOS FOR SPEEDY CONSTRUCTION AND SUSTAINABLE MANAGEMENT PRACTICES?

In this session, the focus was on envisioning the future of construction with a dual emphasis on speed and sustainability. Discussions revolved around leveraging innovative techniques like precast, pre-fab, and pre-engineered structures, optimizing scaffoldings, formwork, and construction machinery. The session also highlighted the potential of composite construction materials and the importance of integrating sustainable practices into construction management for efficient and environmentally conscious urban development.



### CLIMATE-FRIENDLY MOBILITY

In this session, speakers delved into the intricacies of Climate-Friendly Mobility, exploring Electric Vehicles, Energy Storage, and charging infrastructure for both private and public sectors. Discussions included Non-Motorized Transport (NMT), Water Transport, and the evolving landscape of Alternative Fuels. The session provided a comprehensive overview, facilitating insights and strategic considerations for the sustainable future of transportation.



### SMART CITIES CONCLAVE

In the Smart Cities Conclave, the session covered key elements essential for urban progress. Discussions included leveraging smart technology for city development, the critical role of policy and planning in shaping urban landscapes, integrating human-computer interaction for effective design and management, and highlighting the central importance of command-and-control centers in ensuring real-time monitoring and management of city infrastructure and services.



# GLIMPSES OF THE SHOW





# GLIMPSES OF THE SHOW



# VALEDICTORY SESSION





Host State



Ministry of Housing and Urban Affairs Government of India



Ministry of Home Affairs Office of the Fire Adviser Government of India



Ministry of New and Renewable Energy Government of India



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Australian Government

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# FUTURECITIES2023



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