

From Ideas to Action: Confirming Contributions & Activating Campaigns

9 October 2025, 16:00 CEST

Supported by:

TRANE
TECHNOLOGIES™



ARUP

 **AUTODESK**



 **Sidara**



UNEP Cities Unit Priorities at COP30



Maliya Lazli
Programmes & Events,
UNEP-GlobalABC

UNEP Cities Unit products launches- BUILDINGS SECTOR

- **ICBC Belém Call for Action For sustainable, resource-efficient, low-carbon and climate-resilient affordable housing – 11 November**
- **Buildings Breakthrough (BBT) – COP Week 1**
 - **Near-Zero Emission and Resilient Building (NZERB) report**
 - **Endorsement/outreach campaign for the Global Framework for Action**
 - **Landscape mapping of NZERB technical assistance (TA) & financing solutions to mobilise private investments**
 - **Report for institutional and project-level personnel capacity**
 - **Online portal**
 - **Resource catalogue with UNFCCC's TEC**
 - **Catalogue of Solutions**

UNEP Cities Unit products launches- BUILDINGS SECTOR

- **Global Status Report on Buildings**, first insights of the 2026 edition - COP Week 1
- 2024 update of the **Global Buildings Climate Tracker** - COP Week 1
- **NDCs for Buildings: Ambitious, Investable, Actionable and Inclusive** - COP Week 1

- **Actionable concept note** on Affordable, Low carbon & Resilient Housing in low-income countries, mapping viable policy pathways, finance mechanisms and partnership options in coordination with UN Habitat; – **11 November**

- **GlobalABC Knowledge Platform** - COP Week 2
- **10 Whole Life Carbon Recommendations case study platform** - COP Week 2

Launch at the COP Buildings and Cooling pavilion of TEC Position Papers - COP Week 1

- *Deploying Established Climate Technologies and Solutions for Buildings*
- *Leveraging Data to Accelerate Financing for Climate Technologies in Buildings and Infrastructure*

UNEP Cities Unit launches – COOLING SECTOR

High-level engagements and initiatives:

- **Cooling Ministerial** - COP Week 1
 - Ministerial Communique on Extreme Heat and Cooling New! (to be added to the GCP)
 - Formal establishment of the **Intergovernmental Committee on Cooling (IGCC)** – COP Week 1
 - Inauguration of the Cool Champions initiative – COP Week 1
- **Beat the Heat/ Mutirão contra o Calor Extremo**: COP30 flagship to deliver multi-level (national to local) action on the Global Cooling Pledge – COP Week 1
- COP30 Presidency Event on the **Global Cooling Watch Report 2025** COP Week ½
- Singapore Pavilion - **Cooling Ministers Networking Event** – Announcements to Support Cooling Pledge - COP Week 2
- Italian Pavilion – Announcements on **Enabling Pledge Implementation for Cooling (EPIC)**- COP Week 2

UNEP Cities Unit launches – COOLING SECTOR

Product launches and highlight new tools, reports, frameworks, and policy guides:

- **Launch of Global Cooling Watch 2025** Progress Report COP Week 1
- **NDC Cooling Guide** COP Week 1 and 2 at Pavillion side events and COP30 Action Agenda events

Pavillion side events

- Buildings and cooling pavilion - several side events on NDCs and NCAPs and cooling investment

UNEP Cities Unit launches – SUBNATIONAL, FOOD WASTE

Subnational action

- **GlobalABC on subnational roadmaps** within ZERB accelerator frame together with its partners in WRI in supporting Cali (Colombia) and Kisumu (Kenya)
- **GlobalABC subnational Champions** COP Week 2
- **Capacity Building Event under UrbanShift** COP Week 2
- **COP30 Advocacy on water-sensitive urban planning** COP Week 1

Food – COP Week 2

- **Launch of the Food Waste Breakthrough**

Ecological Living Module - – COP 1 & 2

- **Digital exposition in the COP30 Buildings & Cooling Pavilion with Yale**

Presentations & Discussion: Affordable Housing, Resilient Communities



Dr. Sunita Purushottam

Managing Director, India, Global Buildings Performance Network (GBPN)

Prudence Adjanohoun

Project Officer, European and International Affairs Department, Union sociale pour l' habitat



Maithilee Das Lappin

Senior Consultant, Global Advisory Practice, TYLin

Healthy Buildings Guidelines in India – Integration into building codes and their relevance for housing policy and practice



Dr. Sunita Purushottam
Managing Director India,
Global Building Performance Network

ABOUT GBPN

GBPN connects local policy makers and building professionals with industry leading experts to reform building policies and performance.

WE COMBINE GLOBAL INSIGHTS WITH LOCAL ACTION CHANGING BUILDING POLICY THROUGH EDUCATION, SUPPORT AND COLLABORATION. Together we believe we can decarbonise the building sector.

The severity and duration of heat waves is increasing. Source: WRI India, 2022

CURRENT SCENARIO IN INDIA

AFFORDABLE HOUSING

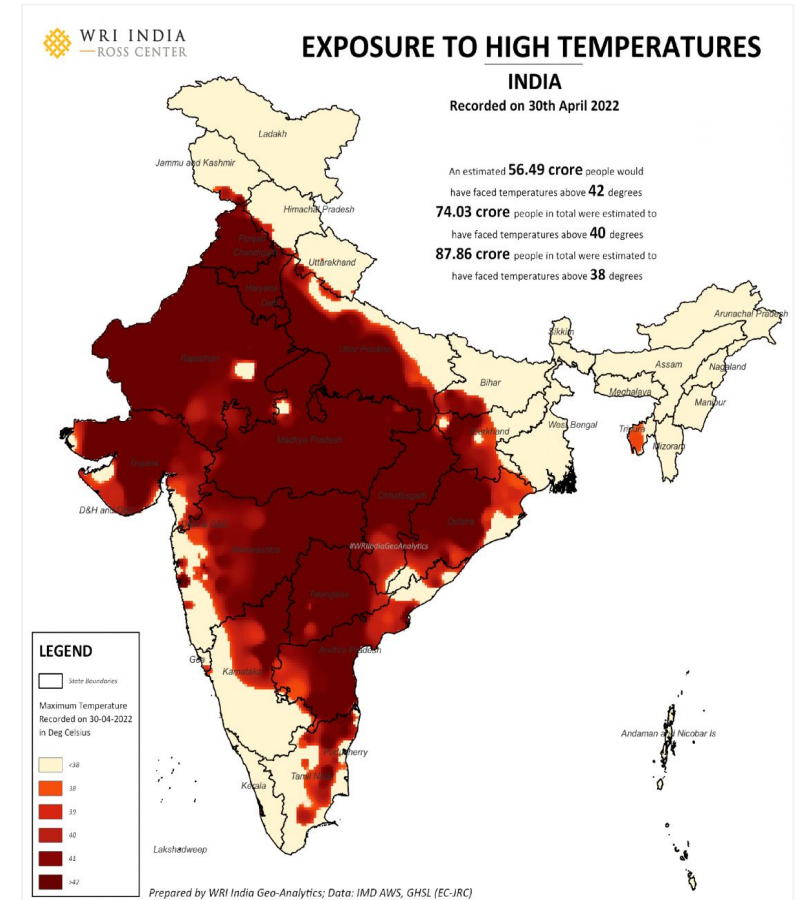
- The predicted temperature rise of 1.5 to 2 °C coupled with increased duration and intensity of heat waves - calls for better protection from heat and going beyond the present standards.
- Average 2 °C rise in global temperatures may mean 4 °C rise in urban areas, exacerbated by densification and Urban Heat Island (UHI) effect.

CLIMATE CHANGE

- Huge demand for affordable urban housing - 96 to 99 % confined to low-income groups (EWS, LIG).
- An arithmetic pursuit of rapidly delivering quantities of dwelling units overlooks qualitative attributes such as climate appropriateness for comfort, resilience to climate change and holistic health and wellbeing of residents.

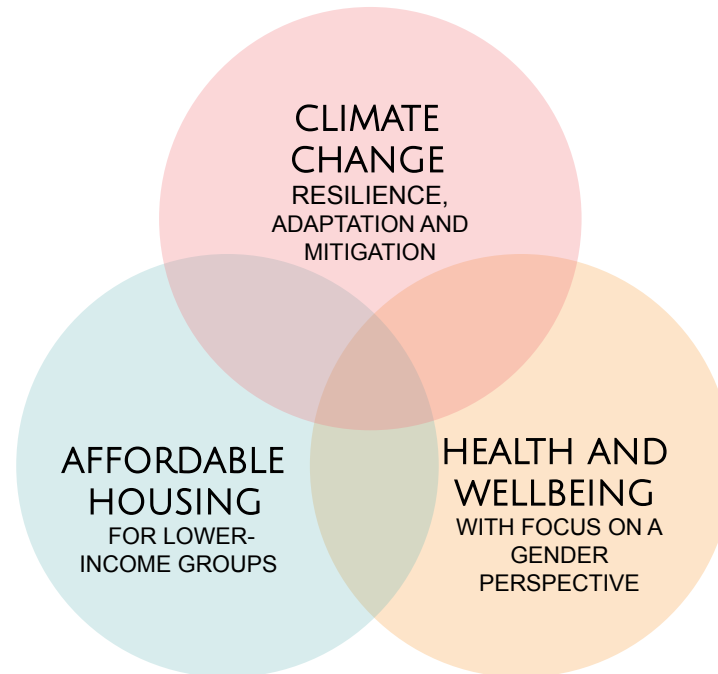
HEALTH AND WELLBEING

- The palpable effects of climate change – heat waves, drought, storms and floods – affect most the health and wellbeing of those who are poor.
- High-rise and high-density affordable housing - for small homes (30-50 sq m) with large households - exacerbate social and psychological stress due to limited community resources.



The severity and duration of heat waves is increasing. Source: WRI India, 2022

A holistic definition of 'Health and Wellbeing' appropriate for affordable housing.



Recommendations for the design and construction of **healthy affordable homes** that also co-benefit **climate change adaptation as well as mitigation**

-
build resilience, curtail cooling energy demand, and minimise embodied carbon of construction.

[#BuildingsCoolingPavilion](#)

[#BuildForClimate](#)

[#ActOnCooling](#)

DEFINING HEALTHY AFFORDABLE HOUSING

DETERMINANTS OF HEALTH -



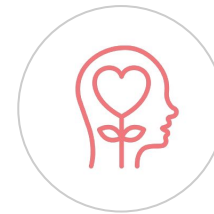
PHYSICAL HEALTH

- Thermal Comfort
- Visual Comfort
- Protection from Diseases and Pollution



SOCIAL HEALTH

- Social interaction
- Gender Equity
- Limits to Densities and Crowding



PSYCHOLOGICAL HEALTH

- Adequate space, Privacy, and Safety (Managing perceived insecurities and restrictions)
- Access to Nature
- Aesthetics, Choice, and Flexibility



RESILIENCE AGAINST CLIMATE CHANGE

- Protection against Disruptions
- Building Community Resilience
- Disaster Preparedness

Applicable to the individual home, the building, the residential community, and the neighbourhood.

DEFINING HEALTHY AFFORDABLE HOUSING

Objective 01

LOW-CARBON

- EMBODIED CARBON
- OPERATIONAL CARBON
- INTEGRATION OF RENEWABLE ENERGY

Objective 02

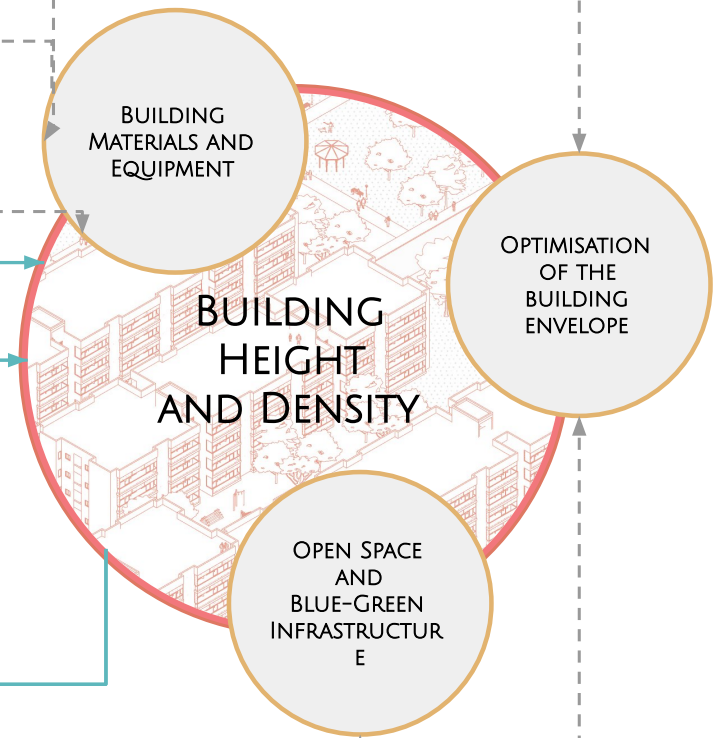
AFFORDABLE HOUSING

- COST OF LAND
- COST OF CONSTRUCTION
- COST OF OPERATION AND MAINTENANCE

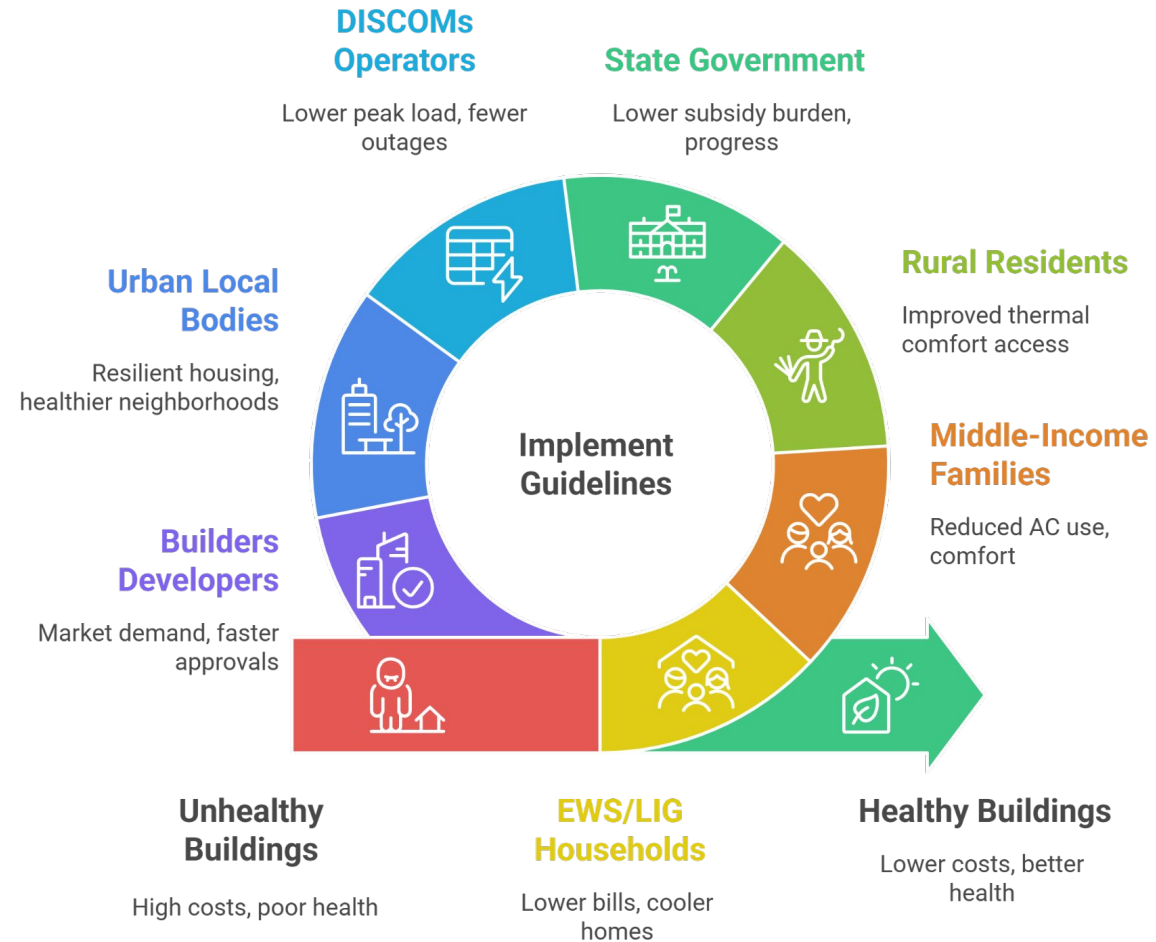
Objective 03

HEALTH AND WELLBEING

- PHYSICAL HEALTH
- SOCIAL HEALTH
- PSYCHOLOGICAL HEALTH
- RESILIENCE AGAINST CLIMATE CHANGE



IMPACT: THE REAL BENEFITS



INDIA'S FUTURE: THE GUIDELINES' IMPACT

Unsustainable Construction

High emissions,
inefficient energy

Reduce Emissions

Passive design,
sustainable
materials

Improve Efficiency

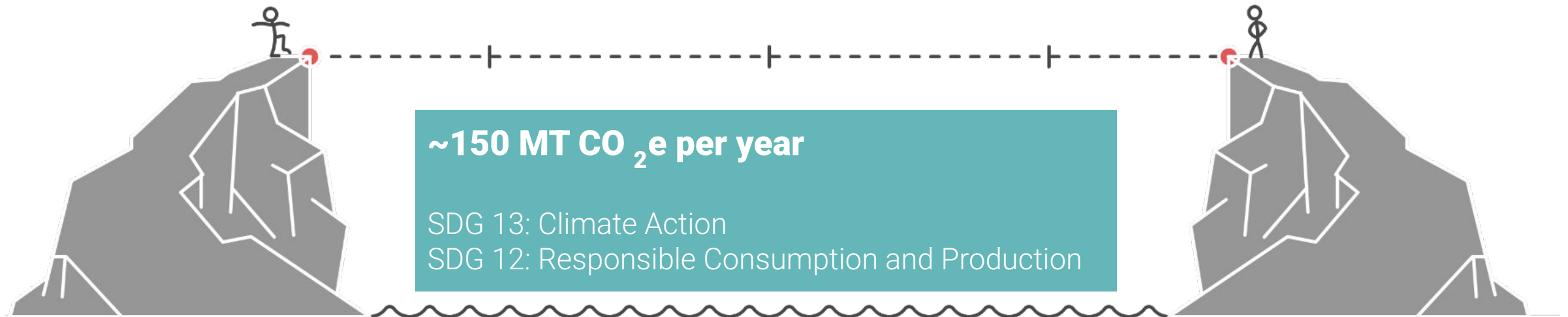
Efficient design,
better insulation

Green Construction

Eco-friendly
materials, green jobs

Sustainable Construction

Low emissions, efficient
energy



Opening Remarks



Ambassador Antônio da Costa e Silva
Chief International Adviser, Ministry of
Cities, Brazil - Vice-Chair of ICBC

Strengths and Challenges of the French Social Housing Model



Prudence Adjanohoun
**Project Officer, European and
International Affairs Department,
Union sociale pour l' habitat**

THURSDAY, OCTOBER 9, 2025

Strengths and challenges of the French social housing model

Prudence Adjanooun
Head of international affairs
Union sociale pour l'habitat

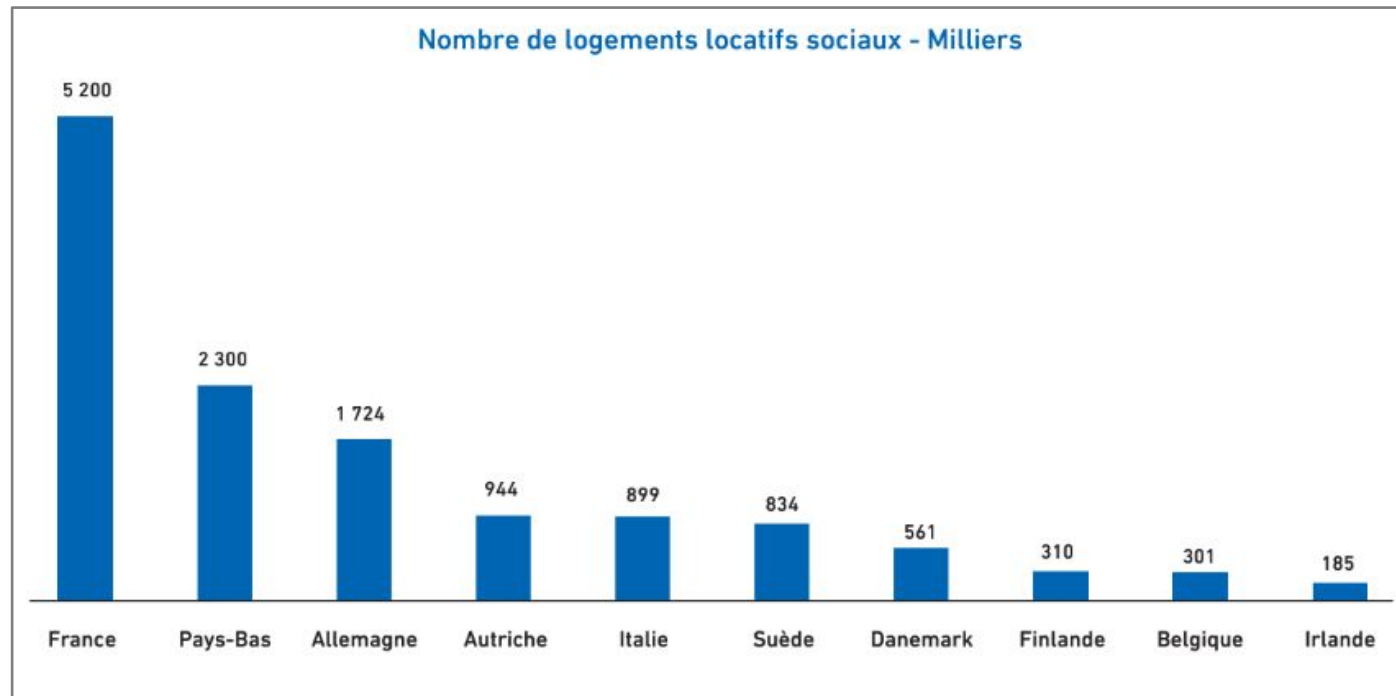


The advantages of the French social housing model

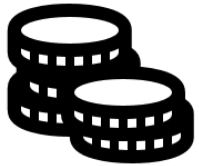


A large housing stock

- 5.9 million social housing (including 5.2 million family homes) / 15% of the population
- Real social impact

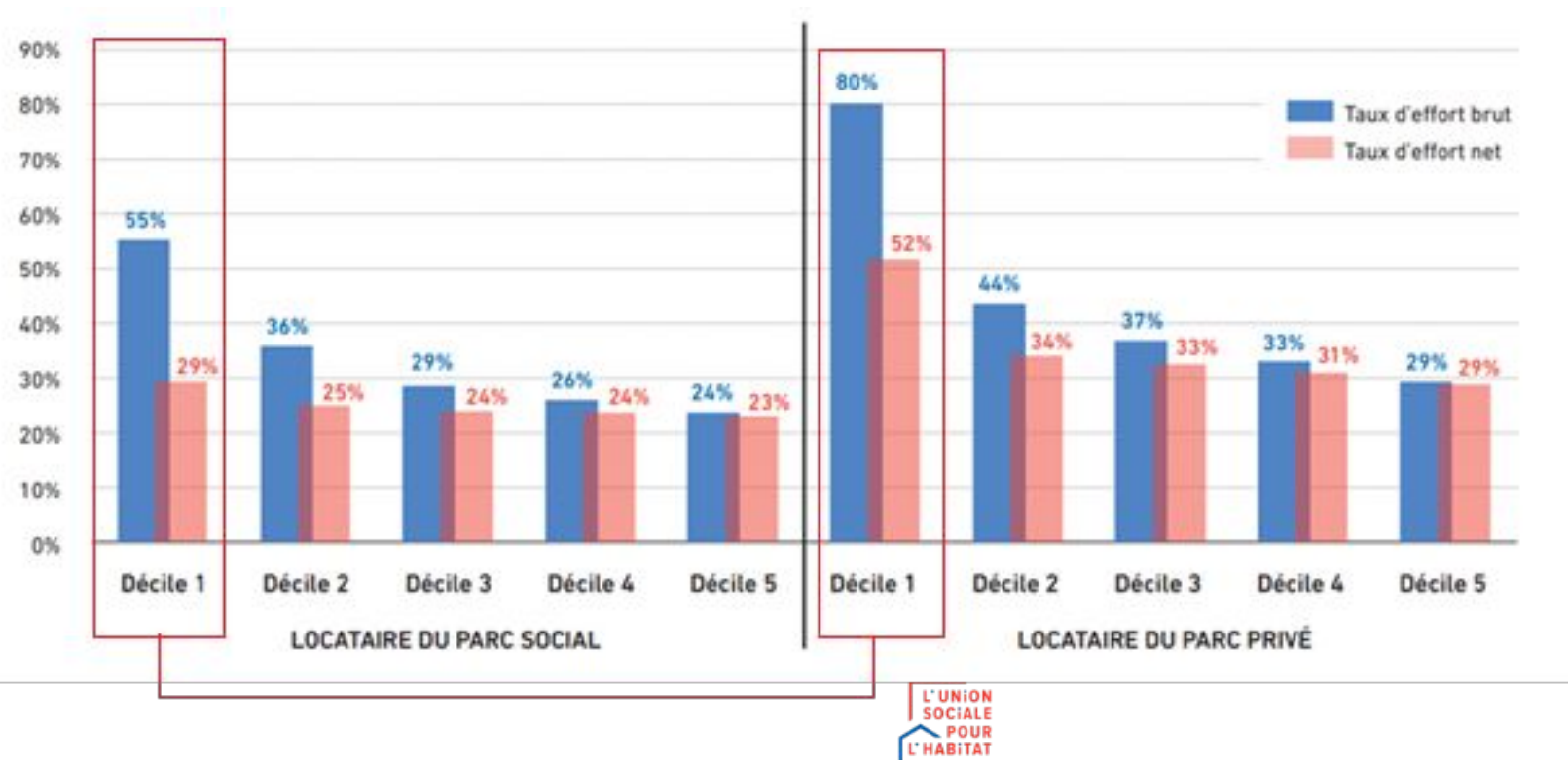


The advantages of the French social housing model



Truly affordable rents

- 30% below market prices on average
- Housing costs reduced by 33% for the poorest households (when combined with personal housing assistance)



The advantages of the French social housing model

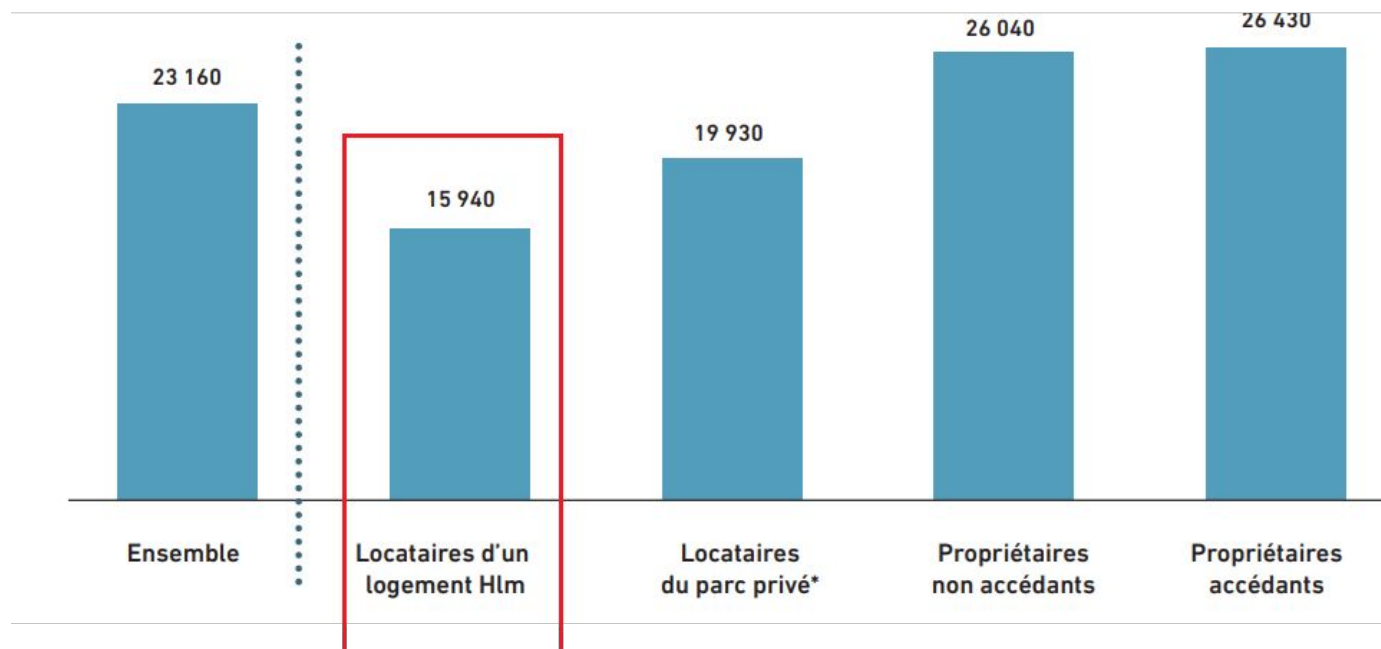


A sustainable model: 3 pillars

1. Funding is based on national solidarity, with public subsidies and financing through very long-term loans thanks to national savings accounts (Livret A) and employer contributions (PEEC).
2. The principle of social housing sustainability, which guarantees stability for its occupants and enables long-term asset management strategies.

3. The generalist social model (vs. universalist or residual models), in which the conditions for accessing and remaining in social housing favour the most modest households but remain open to some of the working classes who struggle to find accommodation in the private sector.

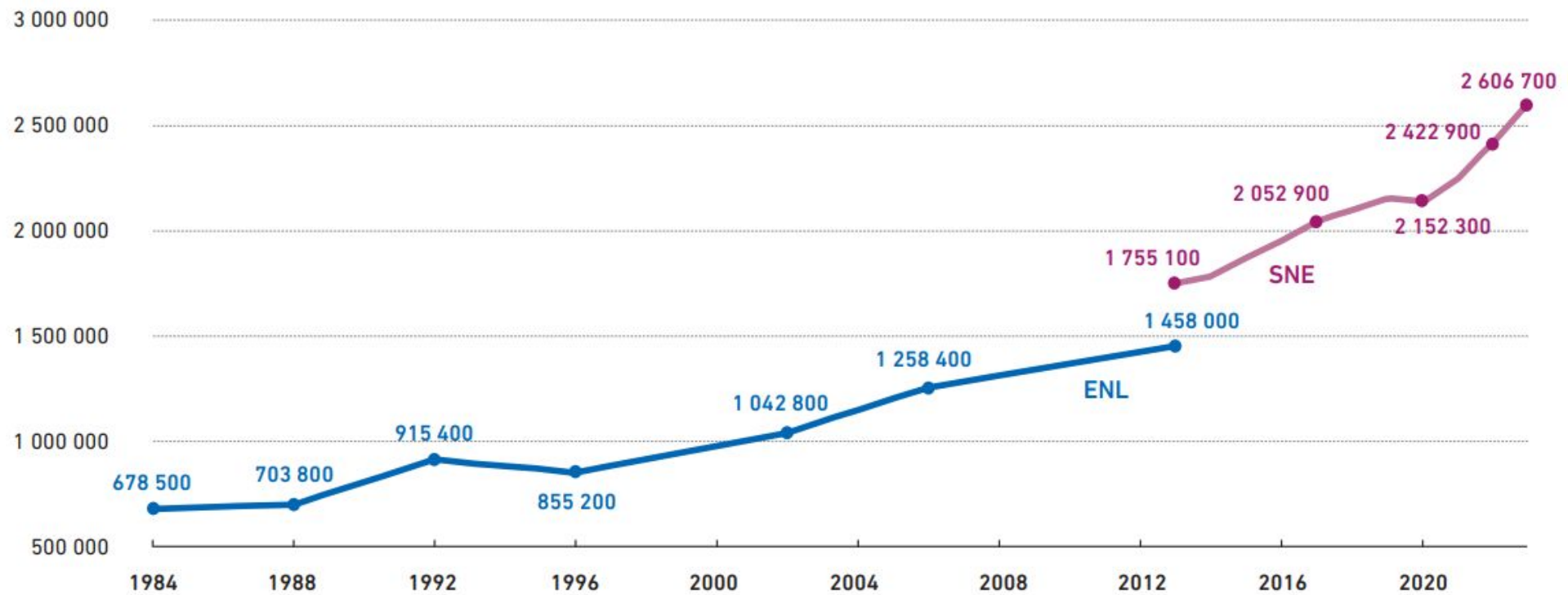
NIVEAU DE VIE ANNUEL MÉDIAN DES MÉNAGES SELON LE STATUT D'OCCUPATION



The advantages of the French social housing model



An increasingly important demand



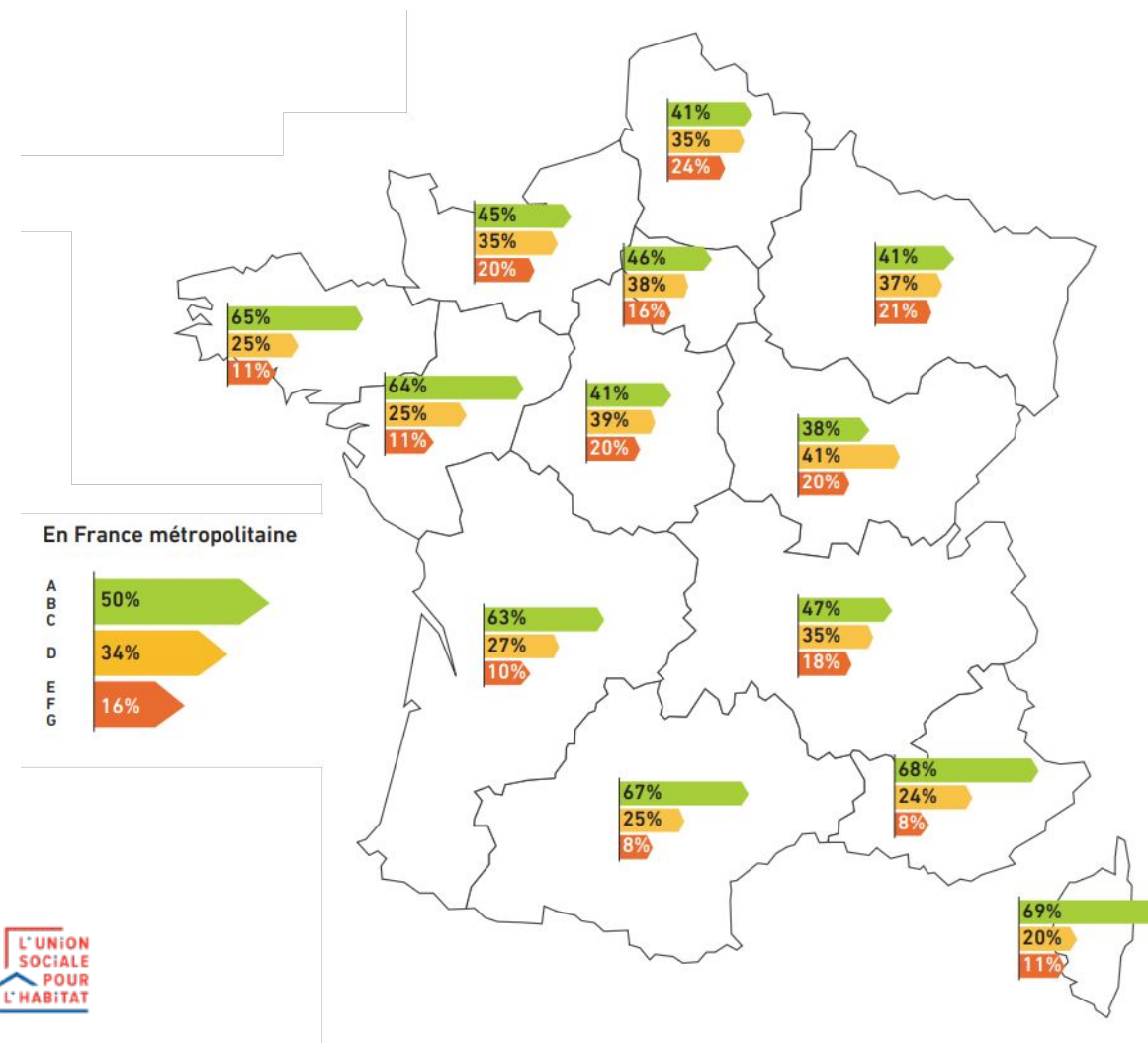
The challenges facing the French social housing model



Continue to be a key player in decarbonisation

Half of the **social housing stock** is now classified as **energy efficient** (labels A, B or C), compared with 30% of all housing in France.

3.4% of social housing is classified as F or G, compared with 15.7% of all housing in France and 18.5% of private sector tenants.



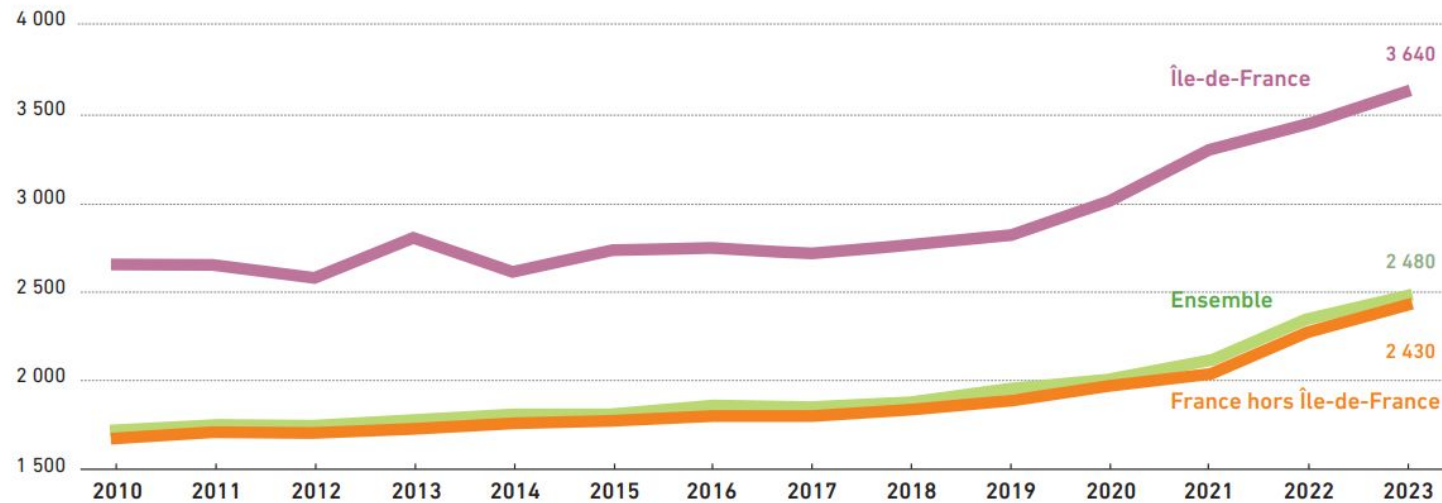
The challenges facing the French social housing model

Preserving a sustainable model in the face of deregulation



- Basic necessity / commodification
- Long-term ownership / short-term ownership / speculation
- Widespread housing crisis linked to rising costs in the commercial sector
- Land mobilisation and cost control

Évolution du coût médian de production de 2010 à 2023 - € HT / m² de SU



COP 30 : thinking about climate transition from the perspective of housing



For Belém, it is important to defend:

- social and sustainable housing;
- the renovation of existing buildings,
- and the participation of residents in adaptation policies.

Models such as that of France offer valuable lessons:

- long-term planning, mobilisation of local savings, multi-stakeholder governance and social diversity are all levers that can be replicated in other contexts.





Merci !

14 rue Lord Byron
75384 Paris Cedex 08

01 40 75 78 00



Securing Sustainable Water Futures Through Community-Level Solutions



**Maithilee Das Lappin, P.E., ENV SP,
LEED Green Associate
Senior Consultant, TYLin**

The Challenge: Growing Cities, Shrinking Water Security

- **Rapid Urban Growth □ Higher Water and Housing Demand**
- **Infrastructure Under Strain**
- **Climate Change compounding Scarcity**

Confirming Contributions: Building Shared Responsibility

- **Engage Communities Early in Planning**
- **Define Clear Roles for Government, Private Sector, and Citizens**
- **Invest in Nature-Based and Adaptive Infrastructure**

The One Water Approach – Integrating Every Source and Stakeholder

- **All water – drinking, wastewater, stormwater, groundwater – is part of a single, interconnected cycle.**
- **Every drop counts, and every sector is part of its journey.**

Activating Campaigns: Source Protection, Reuse, and Infrastructure Adaptation

- **Source Protection: Safeguard Ecosystems and Upstream Catchments**
- **Reuse: Close the Loop, Value Every Drop**
- **Infrastructure Adaptation: Design for Change, Not Just Capacity**

From Ideas to Action: The One Water Mindset

- **Integration, Collaboration, and Circularity**
- **Every confirmed contribution counts**
- **Every local action builds global resilience**

Audience Q&A & Closing



Clément Charnailat
Country Engagement & Governance,
UNEP-GlobalABC

Driving the Ambition Loop: Key Levers for a Net-Zero Built Environment

Date: 3 November 2025

Time: 16:00 CET

Keynote Speaker



Register [here](#) or
scan below:





Thank you!
Reach out to us below.



Email: globalabc@un.org
Website: globalabc.org



Email: coolcoalition@un.org
Website: coolcoalition.org

[#BuildingsCoolingPavilion](#)

[#BuildForClimate](#)

[#ActOnCooling](#)