



State Education Development Agency Republic of Latvia Erasmus+ TCA thematic seminar Green Practices for Increasing Environmental Sustainability

Greener Communities

Leading researcher Ruta Vanaga

CANCEL STORE

Greener comunity LEARNING FROM EACH OTHER

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THE AIM

The aim of this workshop is to explore ecofriendly living and community involvement, share experiences and brainstorm

- BE CREATIVE
- SHARE YOU EXPERIENCES
- ENVISION



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06 OVERVIEW



SHORTLY ABOUT ME

Milestones

- Mgr. Architecture
- Impact of the built environment to the surounding envirenment – ecological footprint
- **10th International Architecture Exhibition:** Cities, architecture and society > CEBRA, Aarhus DK 2007
- Energy consumption of the building / energy efficiency strategies energy auditor
- Low energy buildings passivhaus designer certificate
- **Environmental engineering** dr.sc.ing.
- **Research topics** innovative building components, historic buildings, community engagement





How will we live together?

La Biennale Architettura 2020 Venice

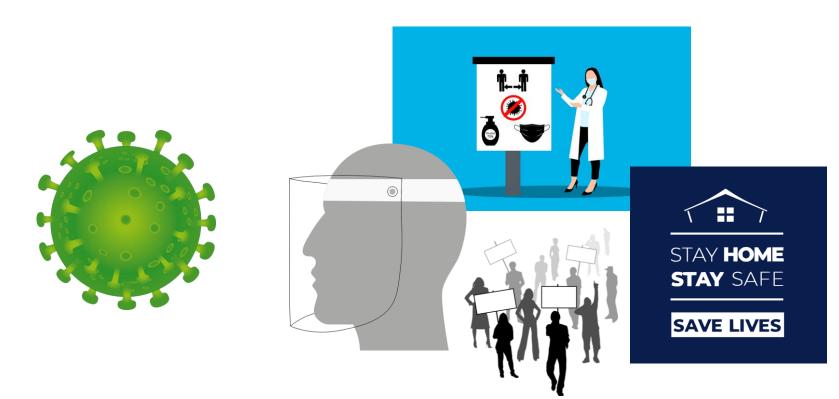
Curator of the 17th International Exhibition Hashim Sarkis



We need a new spatial contract. In the context of widening political divides and growing economic inequalities, we call on architects to imagine spaces in which we can generously live *together*:

- *together* as human beings who, despite our increasing individuality, yearn to connect with one another and with other species across digital and real space;
- *together* as new households looking for more diverse and dignified spaces for inhabitation;
- *together* as emerging communities that demand equity, inclusion and spatial identity;
- *together* across political borders to imagine new geographies of association;
- and *together* as a planet facing crises that require global action for us to continue living at all.

Recent challenges



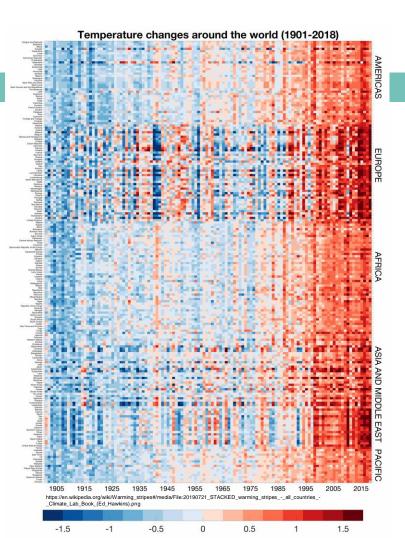
Recent challenges



24.02.2022.







(How) will we live (together)?



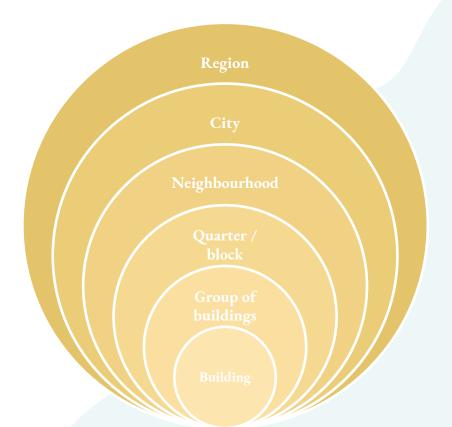




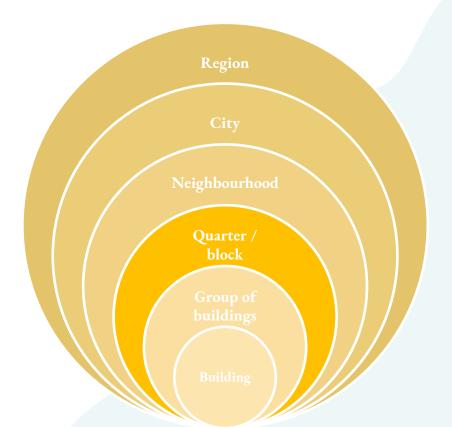
WHO ARE WE?

How would you define?













New European Bauhaus beautiful | sustainable | together





Average age of inhabited dwellings in Rīga and Jūrmala

Pēc Tautas skaitīšanas rezultātiem (gadi), 01.03.2011. According to results of Population Census (years), 01.03.2011



1.07

1 ha

BUT WHO WE REALLY ARE?

Time for kahoot

BEFORE WE DIVE

OBJECTIVE

Our primary goal today is to engage in a collaborative and innovative exercise that explores the principles of sustainable urban planning and community development. By working together to design an imaginary building block, we aim to:

- Foster creativity and idea's generating skills among participants
- Encourage collaboration and teamwork in addressing complex challenges
- Deepen our understanding of the interconnectedness between built environments and community wellbeing
- Explore practical solutions for creating vibrant, resilient, and inclusive neighborhoods
- Learn from each other!



As urbanization continues to accelerate and our cities grow, it's crucial that we prioritize sustainability in the design and development of our neighborhoods. Here's why:

1.Environmental Stewardship: Sustainable community development allows us to minimize our environmental footprint by promoting energy efficiency, reducing waste generation, and preserving natural resources.

2.Social Equity: By creating inclusive and accessible spaces, we can ensure that all residents, regardless of background or socioeconomic status, have access to essential services, amenities, and opportunities.

3.Economic Resilience: Sustainable communities are more economically resilient, attracting businesses, and creating job opportunities while reducing long-term costs associated with infrastructure and resource management.

4.Community Well-being: Vibrant and sustainable neighborhoods promote physical and mental well-being by providing safe, walkable streets, green spaces, recreational facilities, and social gathering places.

5.Climate Resilience: In the face of climate change impacts, sustainable communities are better equipped to adapt and mitigate risks, protecting residents and infrastructure from extreme weather events and environmental hazards.



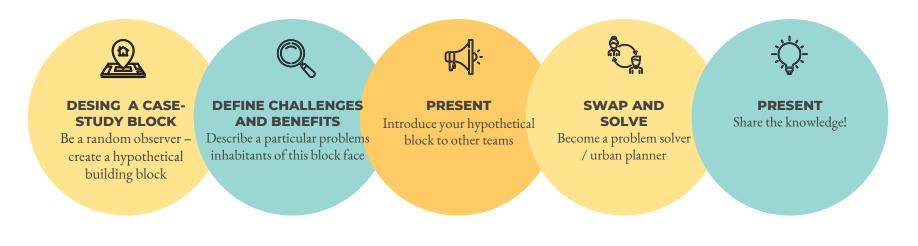
Let's keep these objectives and principles in mind. By envisioning and designing sustainable building blocks, we have the opportunity to shape the future of our communities for the better.

Now, let's roll up our sleeves and get ready to unleash our creativity and innovation as we dive into the Design Challenge!

HANDS – ON TASK

TIME FOR A WORKSHOP

HANDS-ON TASK



DESING A CASE-STUDY BLOCK

Collaboratively design an imaginary building block that comprises several buildings. Consider factors such as building types (residential/nonresidential), construction years, sizes (high-rise/low-rise), and surrounding amenities. Each group member represents 1 building.

DEFINE CHALLENGES AND BENEFITS

For each building in the block, identify hypothetical challenges related to sustainability and community well-being. These challenges should range from energy efficiency and transportation access to waste management and social inclusivity. BE SPECIFIC! Identify at least five positive features or strengths of the building block. These could include green infrastructure, mixed land use, community amenities, pedestrian-friendly design, and social cohesion initiatives.

SOLVE THE PROBLEM

Analyze the challenges defined by the original creators and collaboratively devise practical solutions to address them. Solutions should be innovative, realistic, and tailored to the specific context of the building block. Think about the multipurpose solutions!











LET`S START

TIME FOR A WORKSHOP

Think about the people

Think about the community



THANKS

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