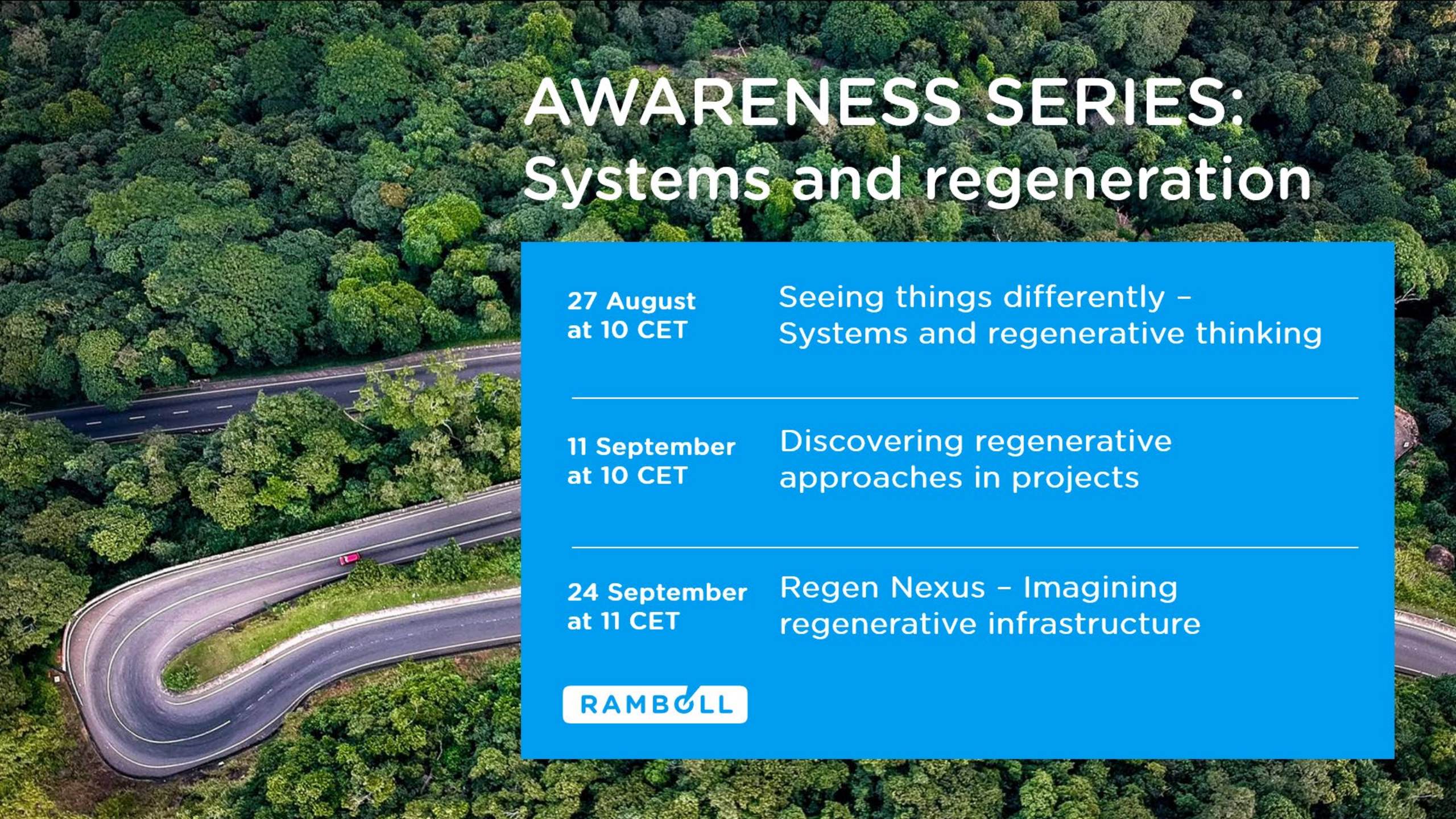




AWARENESS SERIES: Systems and regeneration

27 August
at 10 CET

Seeing things differently –
Systems and regenerative thinking

11 September
at 10 CET

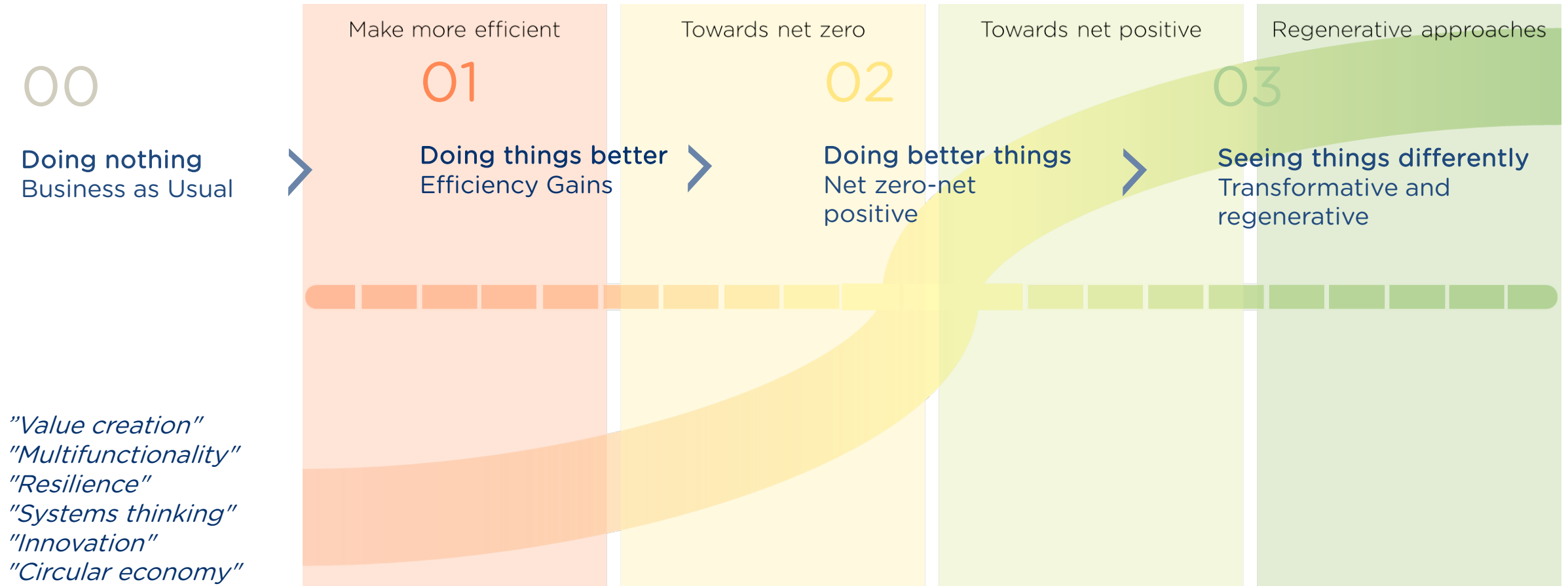
Discovering regenerative
approaches in projects

24 September
at 11 CET

Regen Nexus – Imagining
regenerative infrastructure

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Regeneration is a process – Driven with curious mindset



AWARENESS SERIES 2025: Systems and regeneration

WEBINAR 1: August 27th

Seeing things differently – Systems and Regenerative thinking

Hosted by:



Elina Kalliala,
Global Sustainability Director,
Ramboll Transport



Katri Einola,
Lead of Regenerative Approaches,
Ramboll Transport



Hossein Rezai-Jorabi,
Global Design Director,
Ramboll Buildings



Michaela Ramm-Schmidt,
Regenerative entrepreneur,
WhyCo



Stanislava Boskovic,
Architect and researcher,
LRL Space &
Imperial College London

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AWARENESS SERIES 2025: Systems and regeneration

WEBINAR 2: Thu, Sep 11 at 10 CET

Discovering Regenerative approaches in Projects



Hosted by:

Elina Kalliala,
Global Sustainability Director,
Ramboll Transport

TSK70 Highway – Identifying multifunctions



Julia Thörne,
Landscape
Architect,
Ramboll Sweden



Kirsten Syvertsen,
Head of Clients and
Sales,
Ramboll Norway

Development plan 2040 for Central City of Oulu



Inna Ampuja,
Lead of Systems
Change,
Ramboll Finland



Mika Uolamo,
City Planning
Architect,
City of Oulu

Design as Water – New thinking for projects



Trine Stausgaard Munk,
Global Sustainability
Director,
Ramboll Water



Johanne Bro Lindblad,
Regenerative leadership
MSc in Anthropology,
University of
Copenhagen

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Thoughts and guiding questions from previous webinars

Future Success and Planet Rebalancing

- Create lasting value
- Encourage collective effort across industries and organizations
- Trust as enabler for new approaches

Co-learning the Language of Life

- Recognize the opportunities to make things better at different levels
- Develop new skills
- See interlinkages
- Identify and make relationships stronger

Learning to Unlearn

- Let go old habits that prevent us to think in new ways
- Every part of a system is equally important

Promoting Planetary Health and Life-Centric Approach

- Life-centric approach to benefit both planetary and human health
- Ambitions and solutions fit the specific context of time and place
- Start by asking questions and find answers as we learn

Shifting from Surviving to Thriving

- Shift the mindset from surviving to thriving at the personal and societal level
- Co-learning for transformation

AWARENESS SERIES 2025: Systems and regeneration

WEBINAR 3: Wed Sep 24, 11-12.30 CET

Regen Nexus

– Imagining
Regenerative
Infrastructure

PART 1

- Journey to systems and regenerative thinking, *Sofia Kangas, Aalto University and City of Helsinki*
- Sharing reflections from Regenerative Design Sprint *with Ramboll, Aalto University and By & Havn*

PART 2

- Panel discussion with *Acciona, By & Havn, Aalto University & Ramboll*
- Call to action to join Regen Nexus network

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AWARENESS SERIES 2025: Systems and regeneration

Journey to systems and regenerative thinking

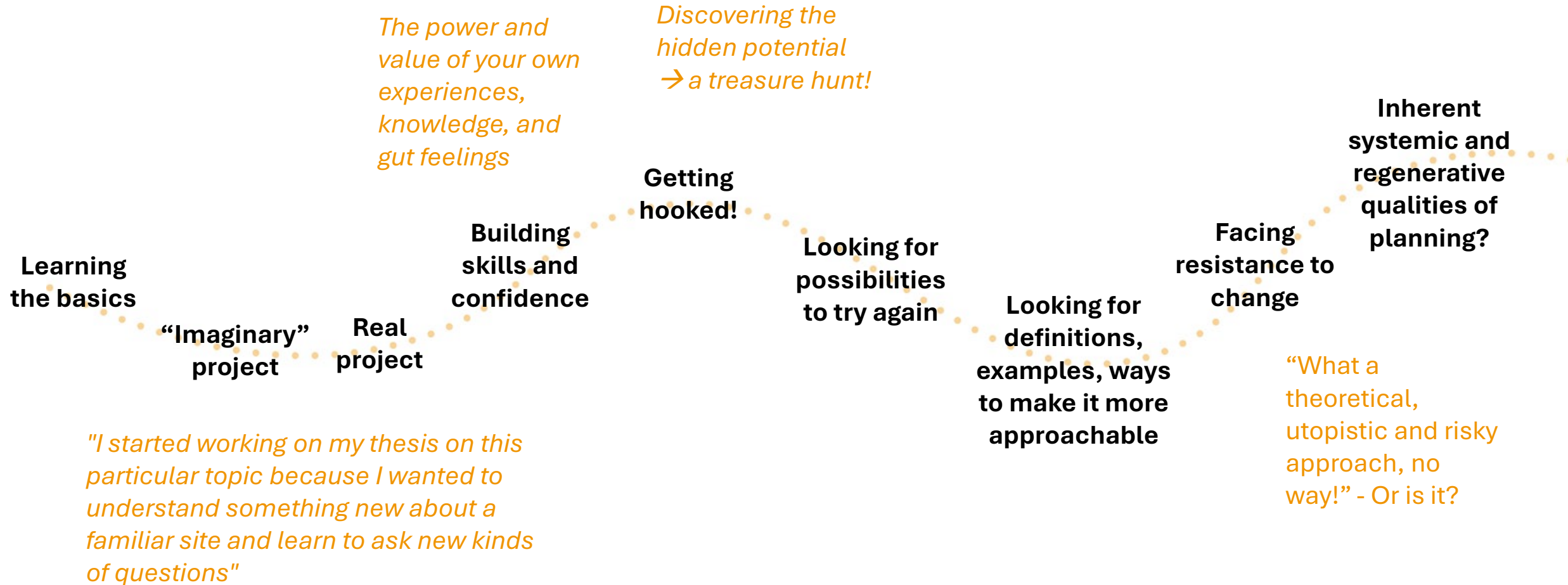


Sofia Kangas,
Doctoral student, Aalto University
Landscape architect, City of Helsinki

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My journey to systems and regenerative thinking



AWARENESS SERIES 2025: Systems and regeneration

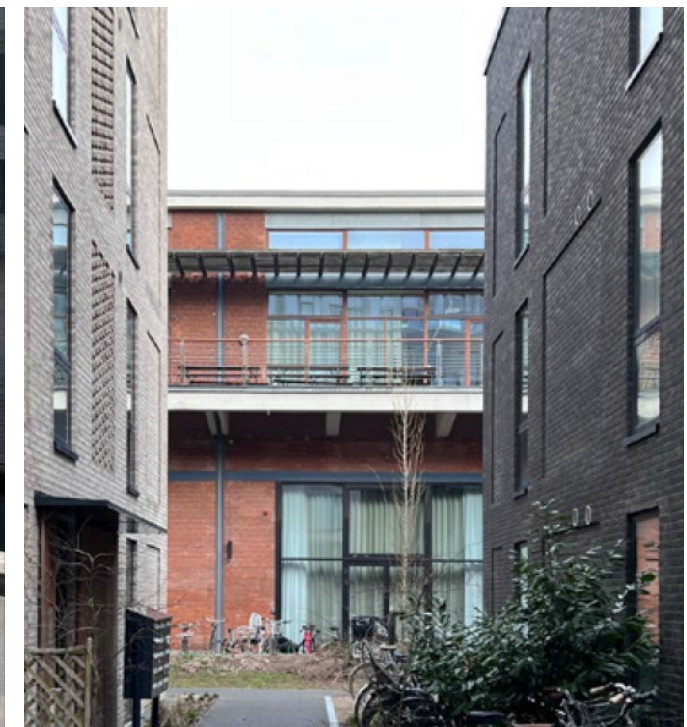
Design Sprint with Aalto University and By&Havn



Katri Einola,
Lead of Regenerative Approaches,
Ramboll Transport



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Sensing Sundmolen



You are our ears - what do you hear?

- What layers of sound do you sense in this place?
- Are there any types of rhythms?
- How do sound move or bounce?
- What are the unheard sounds?
- How might this place inspire a future sensation of sounds?

Sensing Sundmolen



You are our nose and lungs - what do you smell?

- What scents can describe the parts of this place?
- How does the air feel in your lungs?
- Are there any hidden smells?
- How might this place inspire a future sensation of smells?

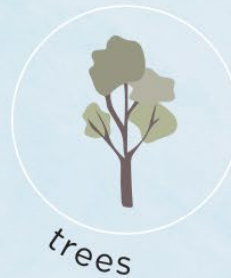
Sensing Sundmolen



You are our hands and feet - what do you touch?

- What types of surfaces and textures cover this place?
- How do you sense the weather in this place?
- How does the ground feel beneath you?
- What is out of your reach?
- How might this place inspire a future sensation of touch?

Sensing Sundmolen



You are the trees of this place.

Explore how do you communicate, feel, think?
How do you experience time, memory, and space?
What stories do you tell?

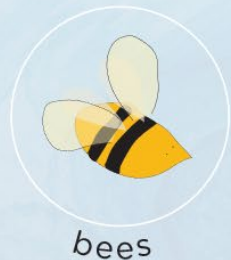
Sensing Sundmolen



You are the children of this place.

Explore how do you communicate, feel, think?
How do you experience time, memory, and space?
What stories do you tell?

Sensing Sundmolen



You are the bees of this place.

Explore how do you communicate, feel, think?
How do you experience time, memory, and space?
What stories do you tell?

Sensing Sundmolen



You are the water of this place.

Explore how do you communicate, feel, think?
How do you experience time, memory, and space?
What stories do you tell?

Design task

What is life-at-large in Sundmolen?

Create a **concept presentation** of your chosen focus (place and time) in Sundmolen.

Choose a **place and scale** you want to focus on (e.g. promenade, neighborhood, waterfront or other) and a **year you want to imagine** (2040 and/or 2100).

The idea is to **imagine life-at-large** – in different diversities – in the neighborhood. What kind of ideas, processes or solutions would that create?

- Take the **stakeholder** you explored during the site visit (bee, tree, children, water) or choose another.
- How could the people living or working in Sundmolen support these other stakeholders in their way of living? How does **co-evolution** take place?
- What kind of **approaches, patterns and potentials** can be imagined to enable life-at-large?
- In the presentation, try to also showcase and reflect **how your ideas and solutions add value** (not only monetary or other human-centric values but in other ways).
- Use visualizations, systems maps, text or whatever way you feel fits your concept.

Design sprint kick-off

Patterns and potentials

In the groups, explore how to sense the patterns of the site.

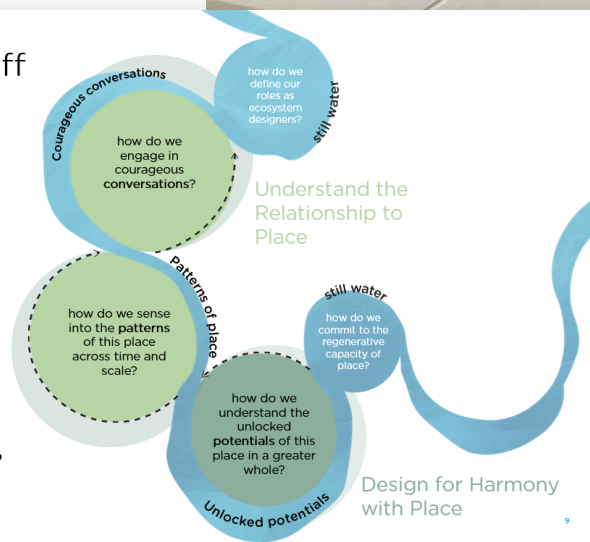
- What methods can you try out?
- Where does vitality come from in this place?
- Where are the blind spots?

Explore how to understand the unlocked potentials of the site.

- What are the dreams for this place?
- How can we replenish diversity and abundance?
- Are we dreaming big enough?

NOTE! Your work is allowed to be raw and explorative. Today is not the day to be "ready".

Ramboll



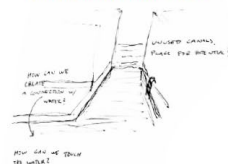
Design sprint – Sundmolen
water – touch

Exploration of how to unlock the unused potential in the area, considering the concept of "life at large" through given stakeholders: water and touch.

The chosen timeline will be representing the year 2040, as we believe the given concept is realistically able to be implemented by then.

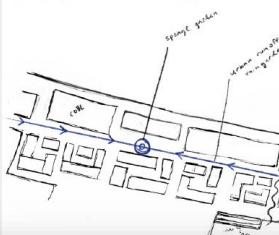
The concept focuses on different levels of vitality: people, infrastructure, business, water, ecosystems and culture.

what is our connection to water?

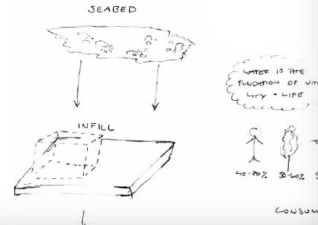


possibility to utilize urban runoff water

sponge garden with different types of soil and vegetation

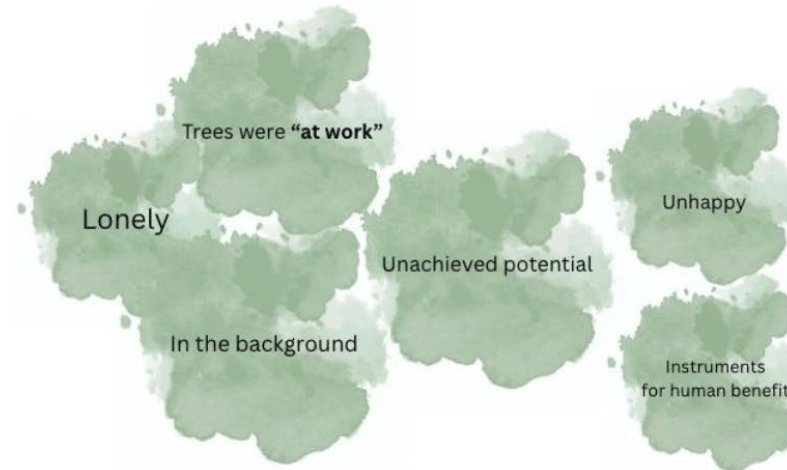


water is the foundation



Our roles in the ecosystem are being molded by different aspects, such as time, spatiality, biotic and abiotic. In order to make a change, we need to step outside our comfort zone and try to understand the "hard" questions by thinking from outside the box.

Site analysis from the perspective of trees



STARTING POINT 2025

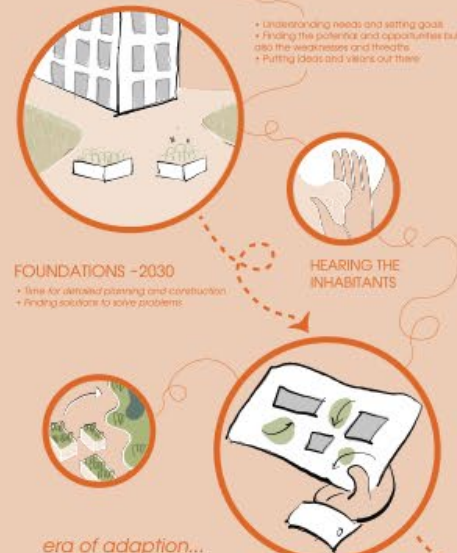
100-50-100
more than human perspective -
Sundmolen in symbiosis with nature 2100

To reach the goal in a realistic way..

100
one third of the Sundmolen area is reserved fully for people

50
one third of the Sundmolen area is reserved 50% for the people and 50% for nature

100
one third of the Sundmolen area is reserved fully for nature



URBAN GARDENING
• Community develops
• Recycling the know-how

CONSTRUCTION FINISHED -2040
• Early stages of automation
• First new species arrive
• People are informed of the goals of the new neighbourhood
• Destroying what is brought to the area

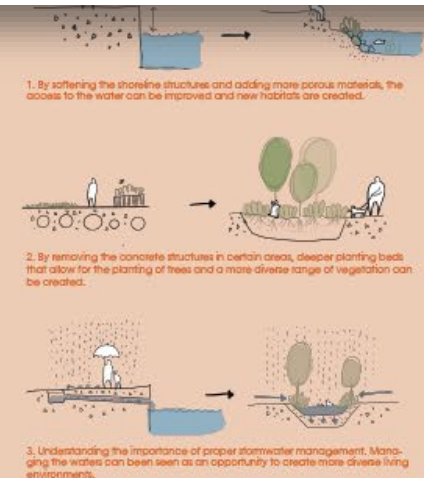
RECALIBRATING THE SYSTEM -2060
• Urban planner returns to the lab
• Possible changes and fixes in the environment
• Competing - is it working?

THE SYSTEM STARTS TO BECOME SELF-SUFFICIENT -2070

FORERUNNER IN MULTISPECIES DESIGN



-2065
• The first generation of Sundmolen has grown up
• Ecosystems require less surveillance
• Diversity of species has increased

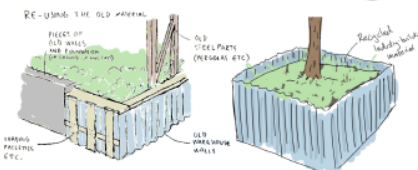
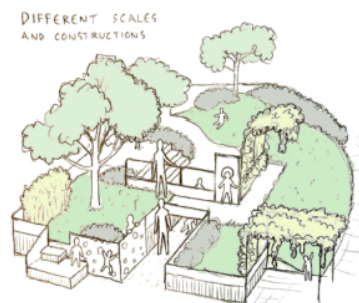
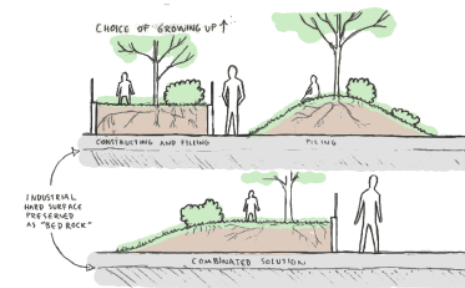


Three circular inset images showing different insects: a green spider on a brown leaf, a dark beetle on a dark leaf, and a brown spider on a green leaf.

- moist, shaded microhabitats provide a cool refuge during hot days and attract moisture-loving species
- water beetles need temporary puddles for parts of their life cycle
- spiders thrive in protected, humid places
- willows create soft shade and contribute to the ground humidity



In the site there are big challenges to create green urban environment as it is purely made of hard surface meant to serve industrial needs. One solution is given through the adventurous experience of a child. For reference we have used a Helsingborgs *Dockanparken och Djungellekanen* by *Arkitekterna Krook & Tjäder* (<https://landezine-award.com/dockanparken-och-djungellekan/>), where the children were hoping for a jungle when asked how to develop the harbor site. In our concept we ended asking: How far we could take the idea and mechanisms of the jungle in urban planning?



Design sprint for Copenhagen By & Havn
Koo Okkonen and Ellinor Dromberg

FROM THE KICK-OFF

Guiding questions

Use these questions to guide the finalization of your design task. There is no need to answer these. Reflect on these while imagining life-at-large at Sundmolen.

NUDGING AND FACILITATING PROCESSES

- How far can we push the process as urban designers to nudge people in right direction?
- How to change our short-term view to long-term view?
- How do we allow processes to go on when we do not know what is going to happen (in cities)?
- How can we tell a story of a place?
- Why are we so often stuck on old habits?
- Why would you question something simply because it has not been done before?
- What is the timescale used for regenerative design?
- How to communicate best between organizations involved with urban planning?
- How can we support technical disciplines feel and be empathetic so they can support regenerative built environments and infrastructure?

MEANINGS

- What do we mean by “urban” or “urbanity”?
- How do we redefine the city?

ELEMENTS OF THE PLACE

- What could a tree be at most for the residents?
- What if we see the trees as part of community?
- Why is this stakeholder important to this site? What is its role?
- We work with different worlds. How to make them seem like one but still leave each the space and privacy they need?
- How do we get regenerative design applied in our projects?
- How can we bond to ‘nature’ without owning it?

ADDED VALUE

- What is the concept of value?
- How to indicate the wellbeing of green area?
- How to implement design solutions that add ephemeral/intangible/invisible values?
- How are we convincing stakeholders with the money about the values excluding monetar benefit?
- How to make good projects on small budget?
- How can we contribute to having biodiversity that is not only for ecosystem services?

SYNERGIES WITH OTHER

- Are the different stakeholder needs always in synergy?
- How do the different stakeholders connect?
- How can we listen in a way that we catch all that non-humans are expressing in the world? Are different instruments of research enough or could we invent new ones for catching new voices?
- Where does the human (lots of them) fit?
- How to be more like a child when planning (playful, imaginative, questioning “obvious” things...)?

AWARENESS SERIES 2025: Systems and regeneration

Design Sprint

- Student perspectives



Heidi Joronen,
Master student in
Landscape
architecture,
Aalto University



Maija Iiramo,
Master student in
Landscape
architecture,
Aalto University

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Design Sprint

- Client reflections



Sara McKinley,
Project manager and architect,
By&Havn



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PANEL DISCUSSION:

Why co-creation and collaboration is the key

Hosted by:



Elina Kalliala,
Global Sustainability Director,
Ramboll Transport

With:



Edith Guedella Bustamante,
Sustainability Manager,
Acciona



Elisa Lähde,
Assistant professor,
Aalto University



Sara McKinley,
Project manager
and architect,
By&Havn



Katri Einola,
Lead of Regenerative
Approaches, Ramboll

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Invitation to join the journey

More info

regennexus@ramboll.com

elina.kalliala@ramboll.fi

Ramboll

1. Fill the form to join Regen Nexus!

You can decide how you want to be part of this:

- Getting information about upcoming events, research, shared knowledge etc.
- Co-creating together in a local hub
- Sharing the needs and possibilities to a wider network
- Sharing your knowledge in events etc.

2. Knowledge sharing digital platform coming up!

The knowledge shared and created in the network will be shared in a digital platform for everyone to use.

Link coming soon!