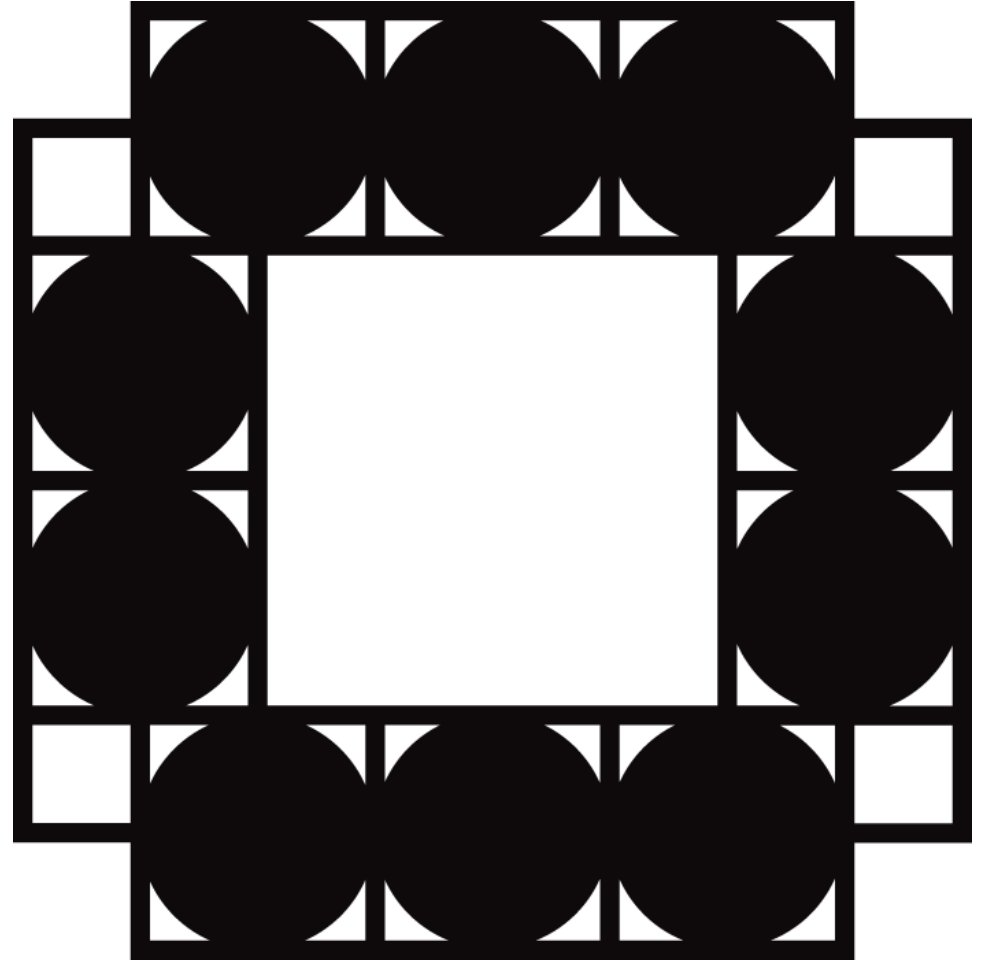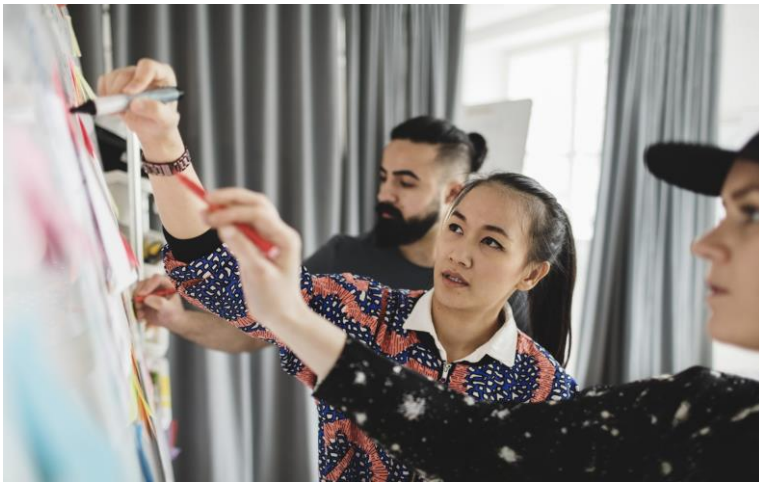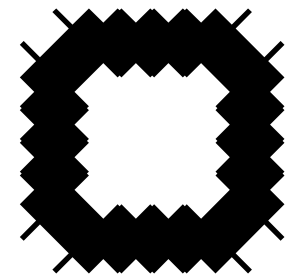# OPENLAB

Do first – Think -
Do it again

OUR MISSION

Create conditions that make the region of Stockholm world leading in societal challenges, improving quality of life.
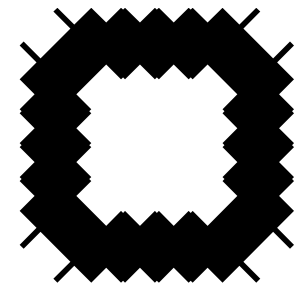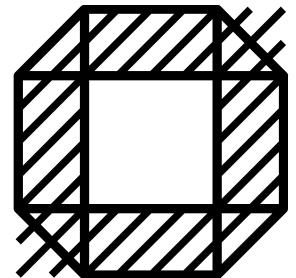

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FOUNDING PARTNERS

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# CHALLENGES FOR EMERGING CITIES AND REGIONS

- Sustainable cities

- Healthcare

- Ageing population

- Quality in education

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Example of challenges

- **Growth of Bicycling in cities leads to parking problems**
- **Many public parks are not safe**
- **Many public sports arenas are not for all**
- **Food waste is still a big problem**
- **Elderly care homes are too institutionalized**
- **Nursing chain among elderly patients are not coherent**
- **Public libraries are not used by youths with low reading comprehension**
- **Patients shall be but are not involved in improving healthcare**
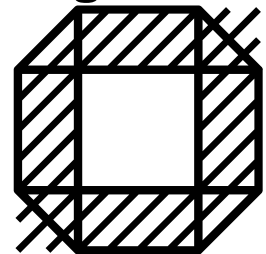
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WHAT WE DO

- Courses - master level/ prof. education
- Design lead process
- Membership - flexible workspace
- Research projects
- Digital open innovation platform
- Conference space and co-working café
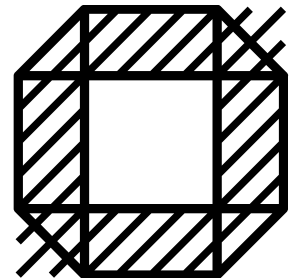
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Some statistics during a year

Mastercourse
-students: 60
-Course challenges: 8 challenges

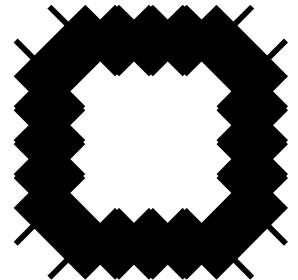Professional education/design process/seminars
-Challenges: 50
-Participants: 1500
External founded research projects: 3
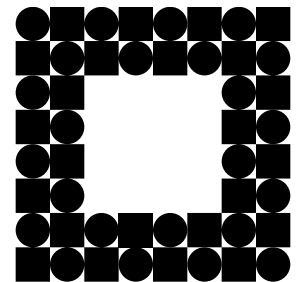Members/companies in our co-workings space: 50
Developyourcity.com : 50 challenges and 400 ideas
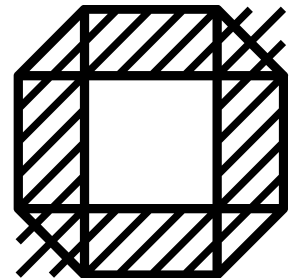10 solutions that has been taking into implementation process

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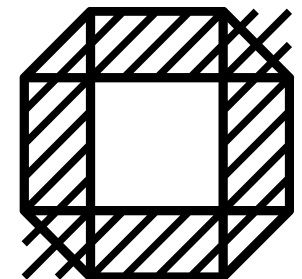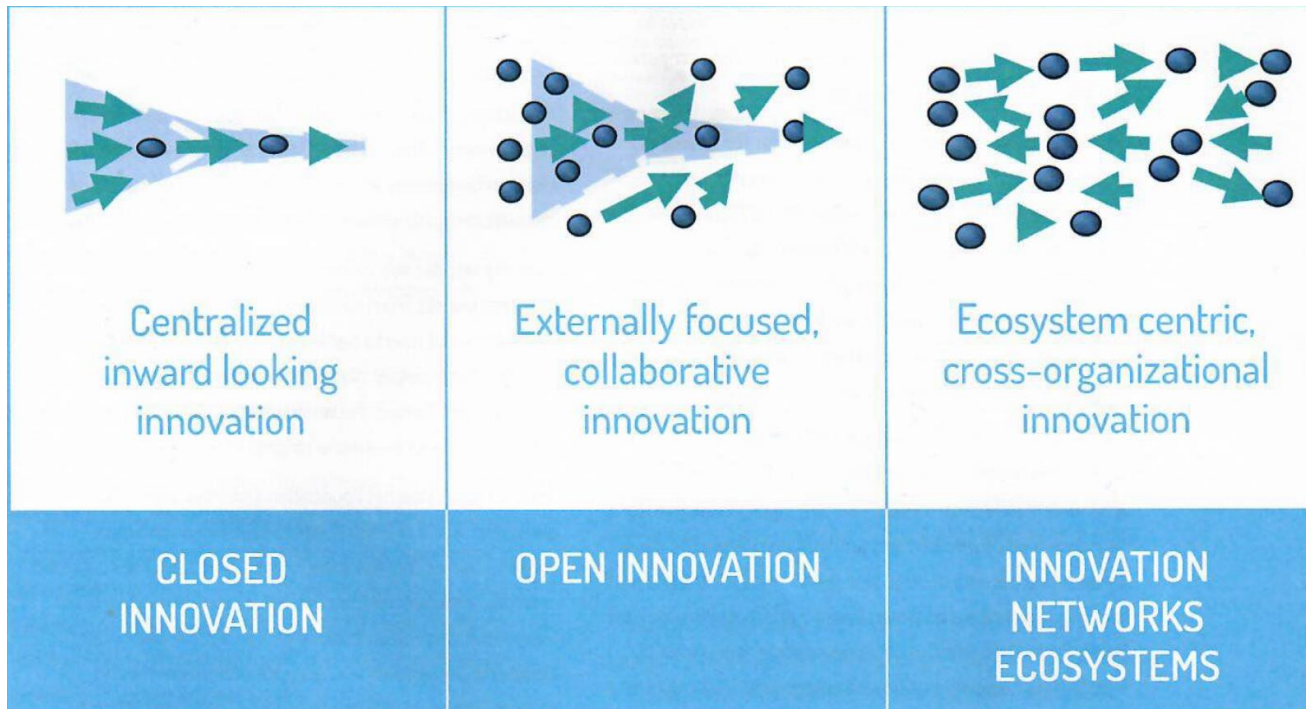
HOW DO WE TACKLE THESE CHALLENGES?

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BEYOND TRIPLE HELIX

- Students
- Researchers
- Startups
- The public sector
- Civic society
- Citizens
- Companies

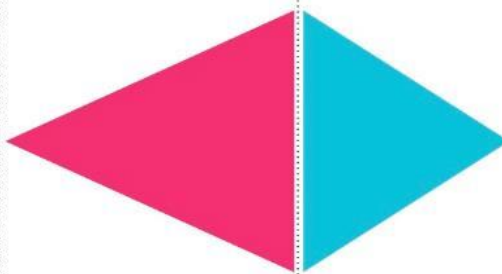OPENLAB

OPEN INNOVATION IS OUR GUIDELINE

Centralized inward looking innovation

Externally focused, collaborative innovation

Ecosystem centric, cross–organizational innovation

CLOSED INNOVATION

OPEN INNOVATION

INNOVATION NETWORKS ECOSYSTEMS

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Core elements

- Intedisciplinary teams
- Design thinking and iterative processes
- Flexible & visual study/workspace
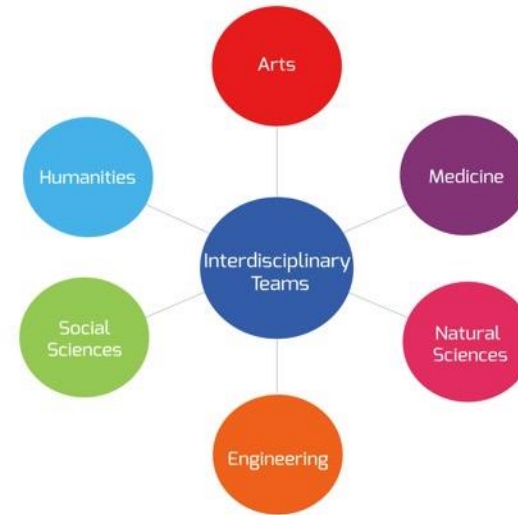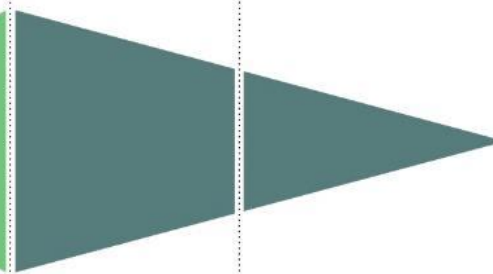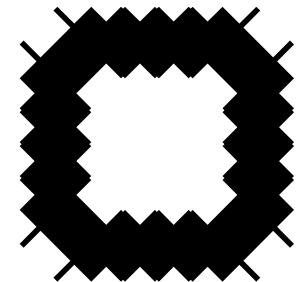
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DESIGN THINKING

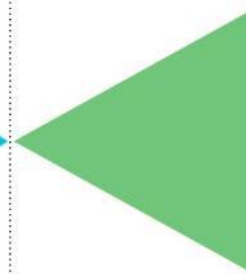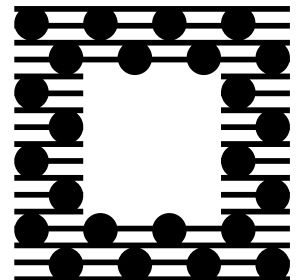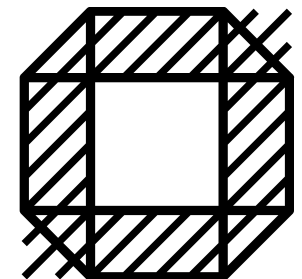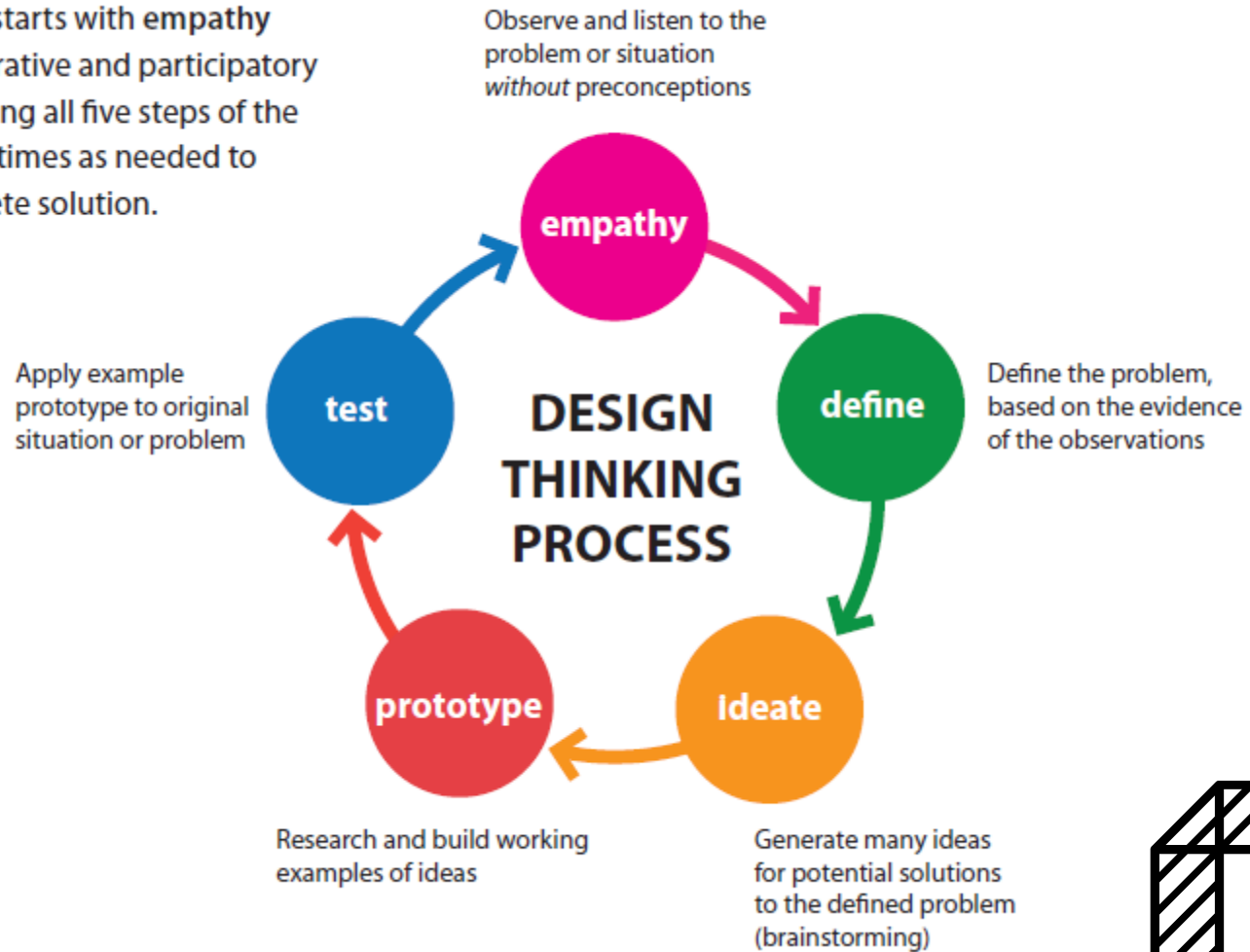- "An approach to solve design problems by understanding **Users Needs** and developing **Insights** to solve those needs"

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Design thinking starts with **empathy** and uses collaborative and participatory methods, repeating all five steps of the process as many times as needed to achieve a complete solution.

Observe and listen to the problem or situation *without* preconceptions

DESIGN THINKING PROCESS

empathy

define
Define the problem, based on the evidence of the observations

Ideate
Generate many ideas for potential solutions to the defined problem (brainstorming)

prototype
Research and build working examples of ideas

test
Apply example prototype to original situation or problem

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At Openlab Design Thinking

- **Enables innovations within societal challenges**
- **Enables an innovative mindset among students, researchers, public & private sector and civic organizations.**
- **Enables different stakeholders to innovate across organizational boundaries**
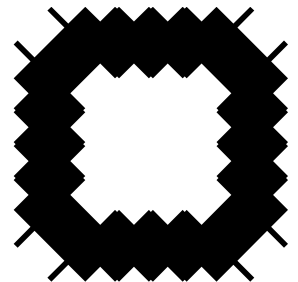- **Enables empowerment**

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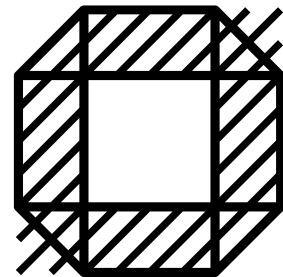
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VOICES FROM STUDENTS

- So tough – and rewarding – to work in interdisciplinary teams.
- Valuable to work with real life social projects and dedicated clients (without being consultants).
- Design Thinking helps us take the step from the critical study to working with change and innovation.

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Thank you!

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