### Regenerative Cities Welcome Address

Urban Solutions & Sustainability R&D Congress Science of Cities Symposium

04.10.23

Prof Sacha Menz

Director Future Cities Laboratory (FCL) Global

**CREATE ETH** zürich

(FCL) FUTURE CITIES LABORATORY GLOBAL



#### Rationale

Future Cities Laboratory (FCL) Global aims to make interdependencies between cities and their hinterlands more sustainable and liveable.

Vision

Sustainable Cities and Settlement Systems

Mission

Through Science, by Design, in Place, over Time

#### Structure

2 symmetrical Hubs in SG and ZH 4 Research Clusters 13 Research Modules supported

1 Engagement Platform

#### International Competence Centre

2021 FCLGlobal

2022

2020

start in Sin

2015

FCL2

2010

FCL

This involves understanding how existing interdependencies function, and developing solutions that capitalise on local resources (e.g. energy, water and waste management), on the one hand, and that balance regional and global exchanges on the other hand.



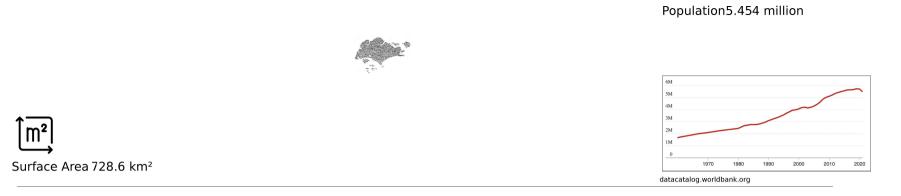
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(FCL)	FUTURE
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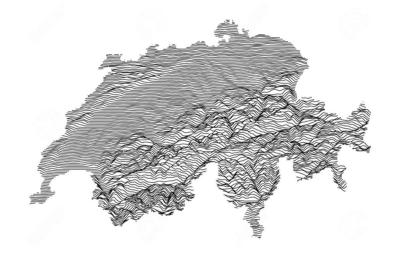
Review (in-person) Nov 2024, Singapor

2025

## Singapore



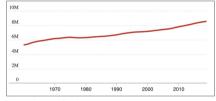
## Switzerland





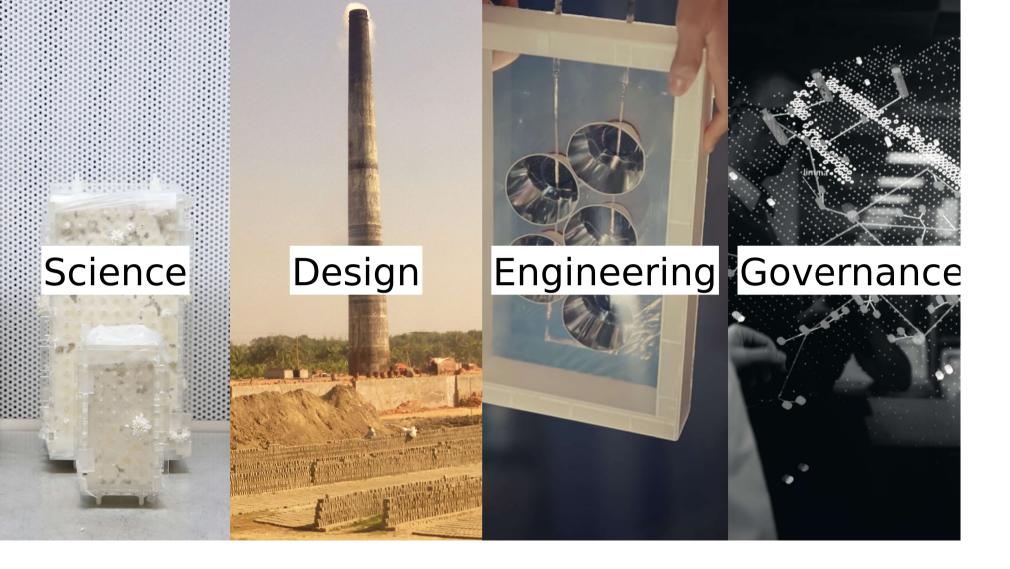
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Population8.703 million

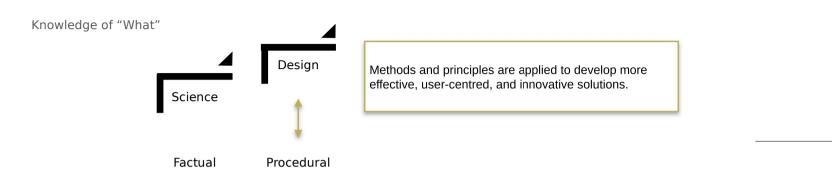


datacatalog.worldbank.org

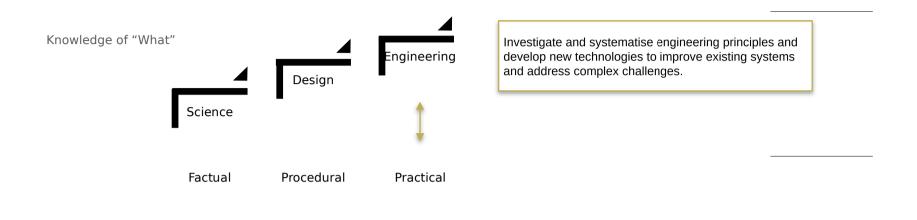




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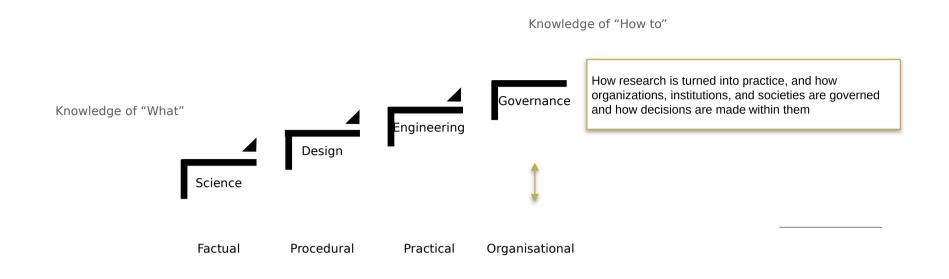


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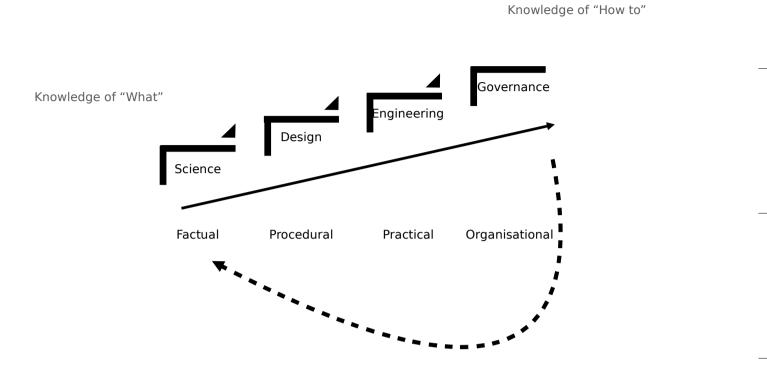
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#### The 4 dimensions of the FCL Global knowledge loop



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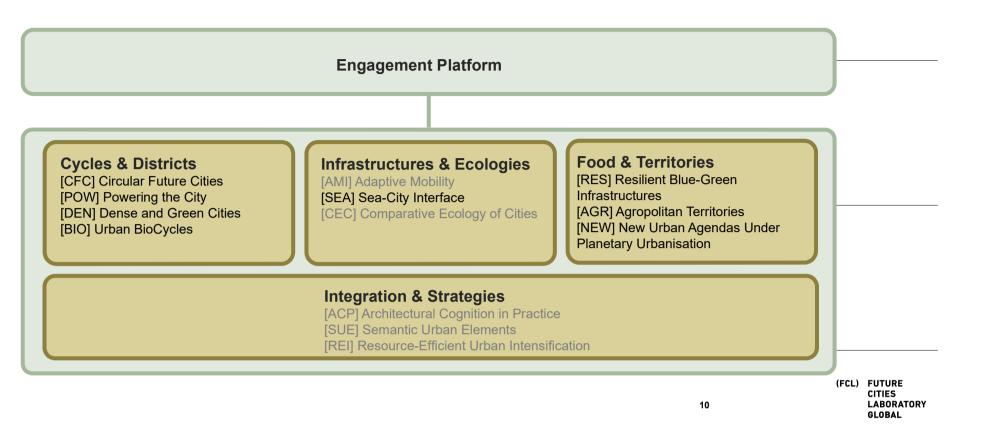
#### The FCL Global Knowledge diagram



Source: Dr. Julio Paulos

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#### Programme structure



#### **Engagement Platform**

Integrating research efforts through, a comparative data repository, data management, building capacities in digital literacy and interdisciplinary research, new teaching and learning initiatives, innovative communication, dissemination and knowledge



https://fclg-ep.ethz.ch/

(SEC) SINGAPORE-ETH CENTRE

ETH zürich

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