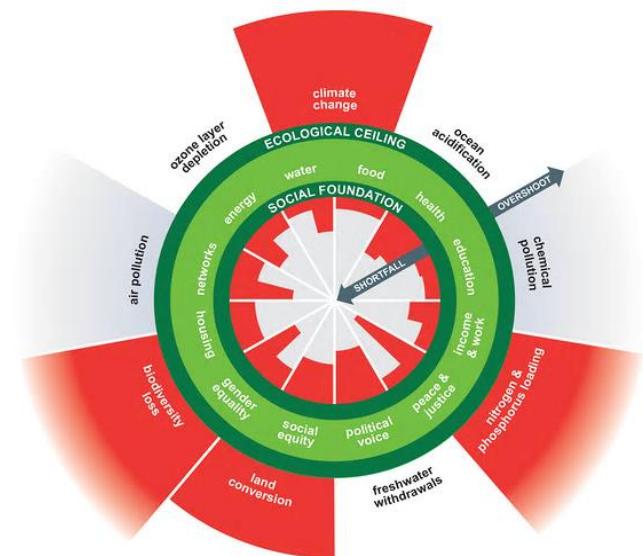




Design & Consultancy
for natural and
built assets



Arie Voorburg
Innovation & Business Development
Arie.voorburg@arcadis.com
0627060749



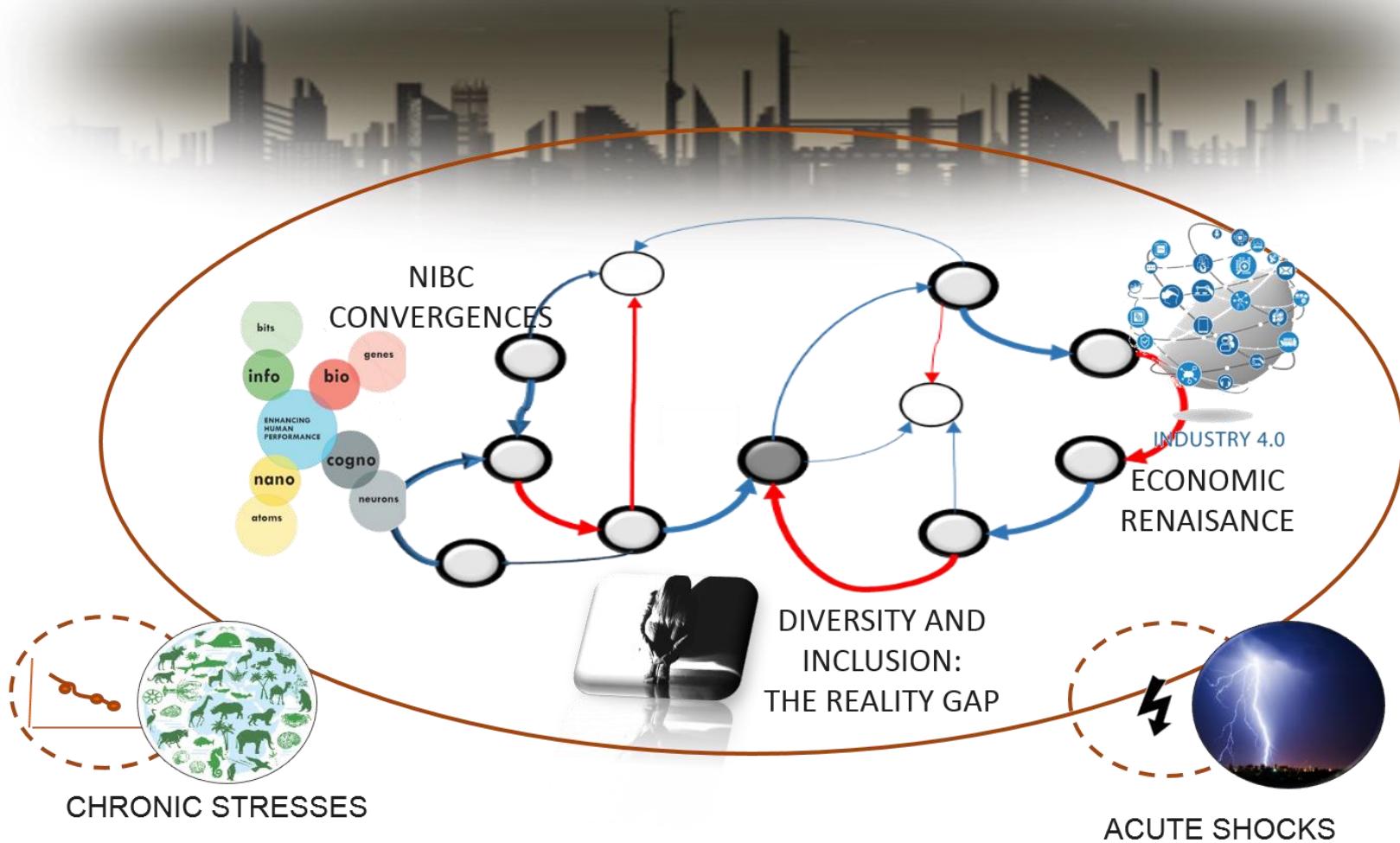


The Far Future—Coming Soon



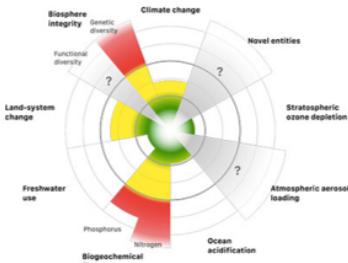
PRESENT

SYSTEEM VERANDERING OF TECHNOLOGISCHE OPLOSSINGEN? (1)





GeoPolitics



AI Narrow- General
Ambient, Ubiquitous, 'Life Like'



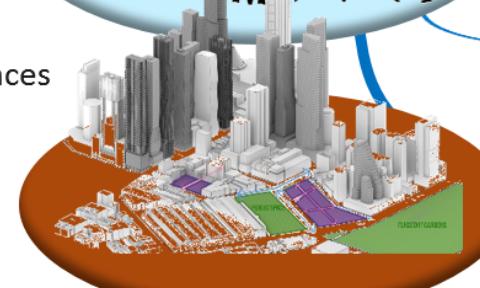
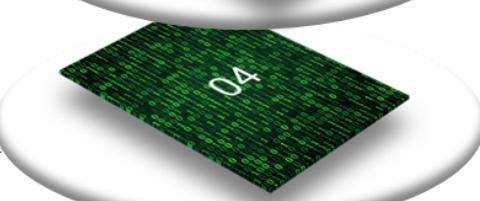
Web 3.0.

Mixed Reality
Augmented reality-
virtuality
Virtual world

Day to day life

Design of places

Creation of infrastructure



SYSTEEM VERANDERING OF TECHNOLOGISCHE OPLOSSINGEN? (2)

Energie

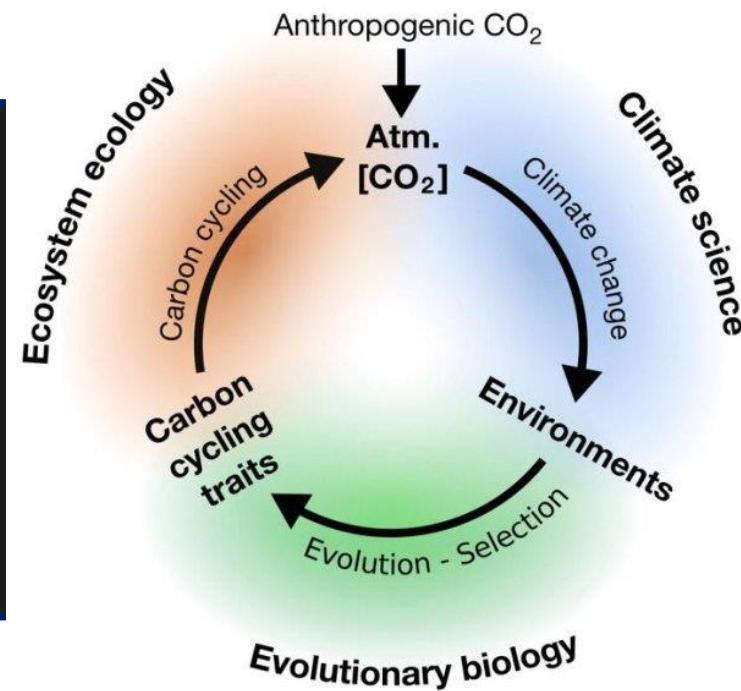
Industrie & Productie

Transport

Steden & gebouwde omgeving

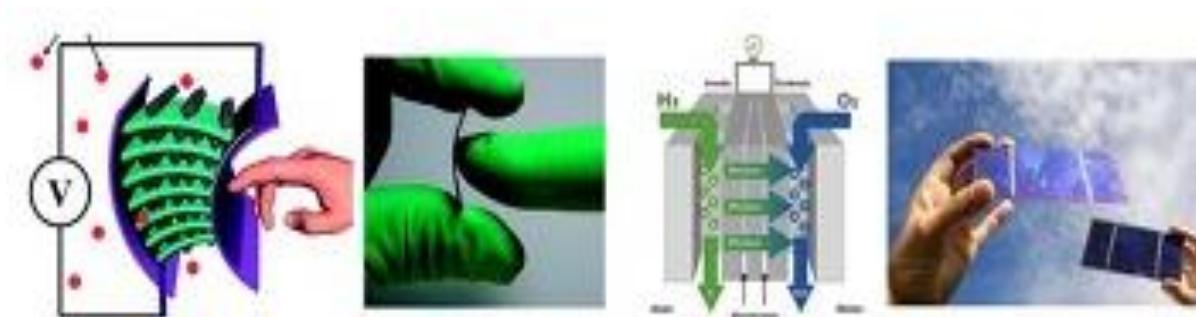
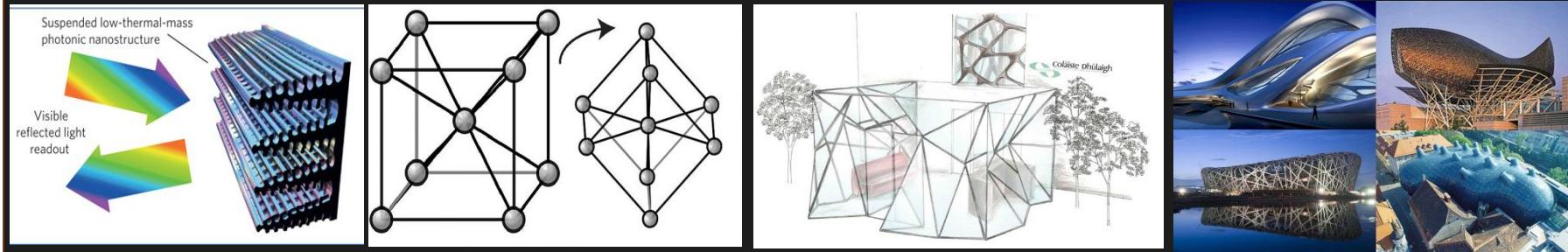
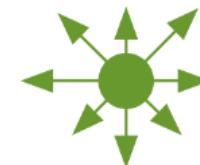
Voedingspatronen

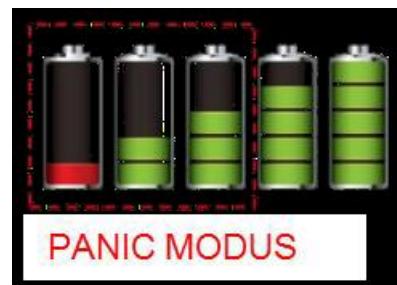
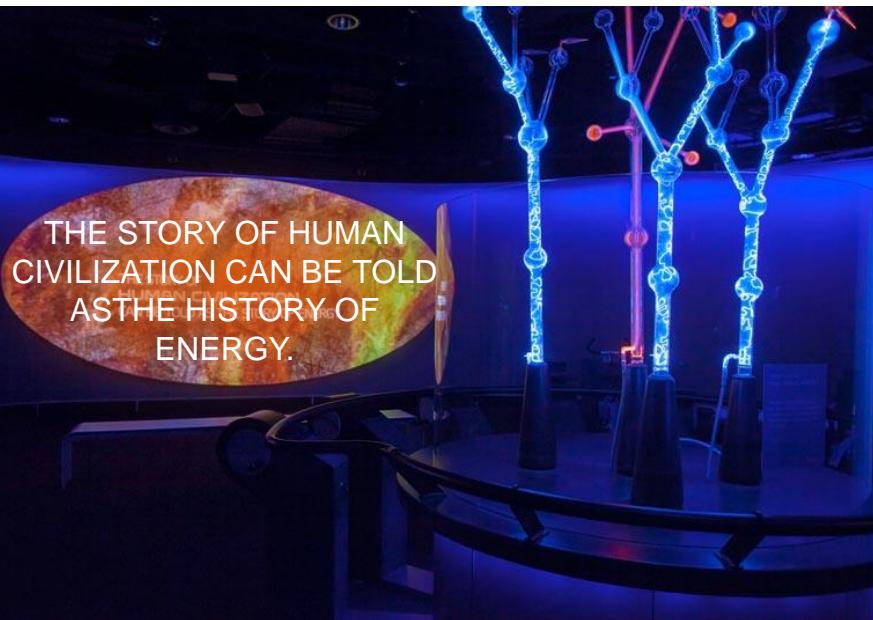
Agricultuur & bosbeheer





- System** 
- Site** 
- Structure** 
- Skin** 
- Services** 
- Space** 
- Stuff** 

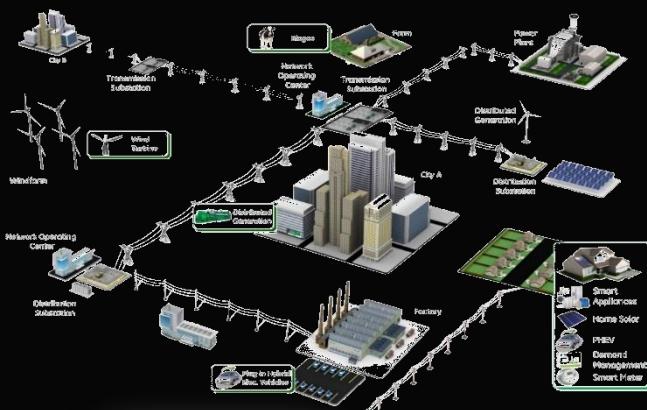




The x-factor: AC (-hybrids)

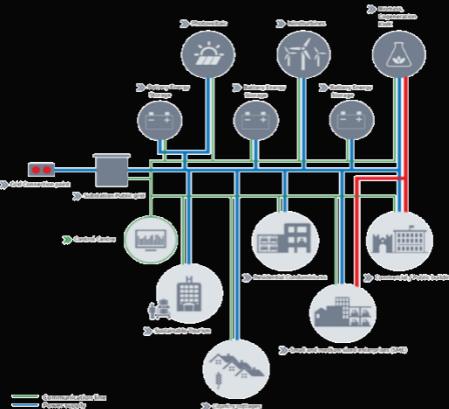
Microgrids: enabler of Distributed Smart Generation

SMART GRID

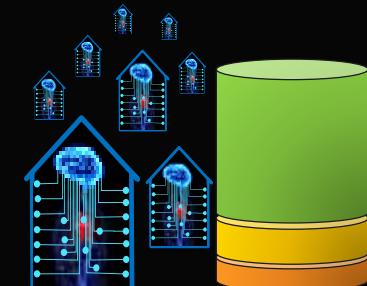


MICRO GRID

Energy harvesting, storage, distribution



NANO GRID



Advanced Power Electronics



Next Generation Grids



Multi-Energy Systems and Energy Management

Distributed Smart Generation

Distributed Smart Storage

Optimisation Algorithms

Predictive Optimization

Fast charging,
High energy density



Safer and durable



Beyond Lithium



Arcadis.

Improving quality of life.

