new kid in the block
ars electronica research institute "knowledge for humanity"
eveline wandl-vogt

technology

knowledge

societal challenges

coordination

humanity centered

THE PROCESS

actor input + analysis
change analysis
evaluating + learning
contextual analysis
building + integrating
prototyping
system analysis + design
understanding

k4h+ @ AE © ewv 2020

AERI k4h+
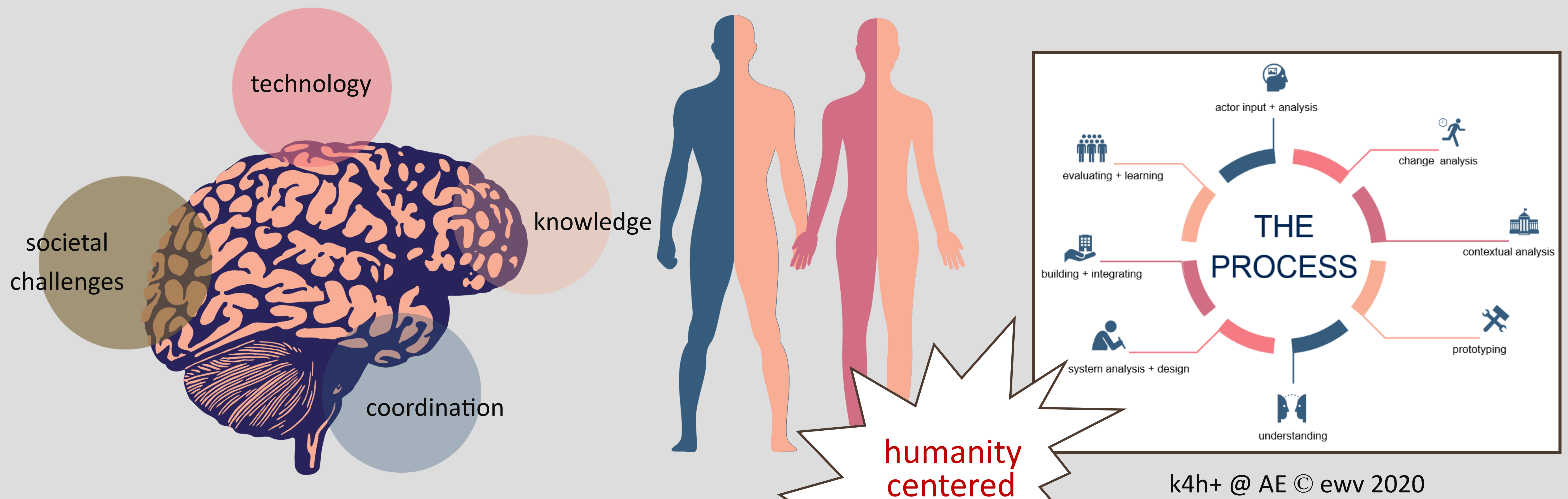
open innovation research infrastructure
© ewv 2017 | with e.g. ars electronica, km-a,
CERN ideasquare, metalab (at) harvard & topothek.AT

research process

OI-RI
organisational, technical design &
environmental assessment

Cultural Diversity
Demonstrator

challenges &
curiosity

OI liquid lab

OI physical studio

Co-Design, Empowerment

AGATE
ecosystem

society
education & science
political system
natural environment
media- and culture based public
economic system GLAM institutions intermediaries
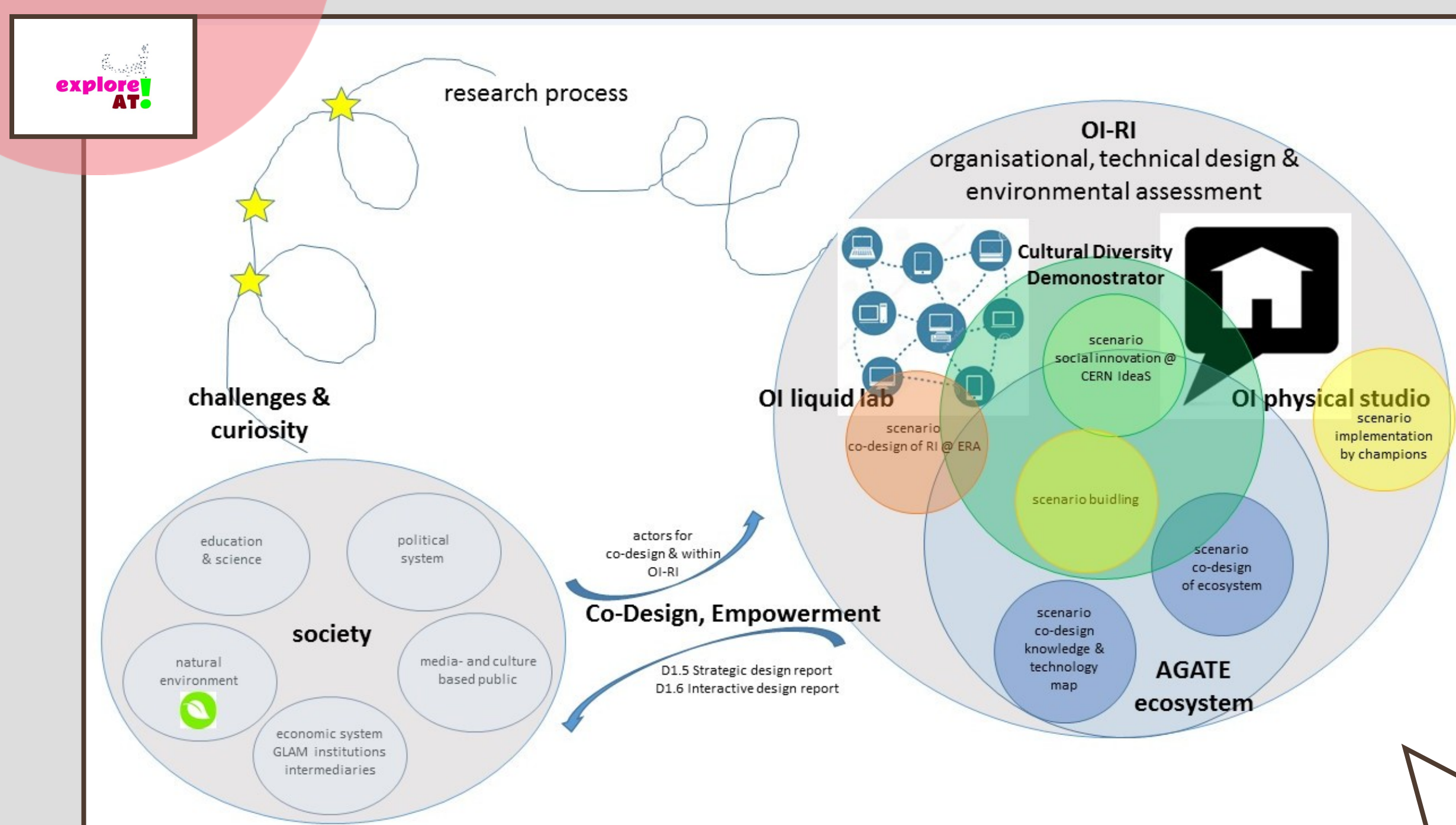
society
art & design
technology
science
innovation

open science sharing economy

accelerating knowledge into action

mission
physical and virtual space for antidisciplinary
experimentation and innovation
driven to accelerate knowledge into action
open innovation methods and practices
implementing the open innovation research infra-
structure against a background of a
RRI mission statement

services
knowledge design, exponential thinking,
broker to unusal suspects and new actors
concept, design and facilitation of
challenge based innovation driven processes
and application of open innovation

humanity centered design (HYCD)
according to frederico donelli (2019) - priciples:
design products that respect peoples wellbeing
design products for people as members of the
society
design products to preserve the human side of the
interaction between humans and machines

network thinking + we-culture
according to peter spiegel (2015)
social innovation is next wave of revolution
connectivity : decentralisation and interdepen-
dence
in the center: we-q (we-qualities) rather than i-q
following the concept of decentralised collaborati-
ve organization (primavera de filippi @ blackfeed
2017)

knowledge4 development

knowledge 4 development partnership
aiming to create, drive
and implement the agenda
knoweldge 4 develpoment
and in doing so contribute to
agenda 2030 and the
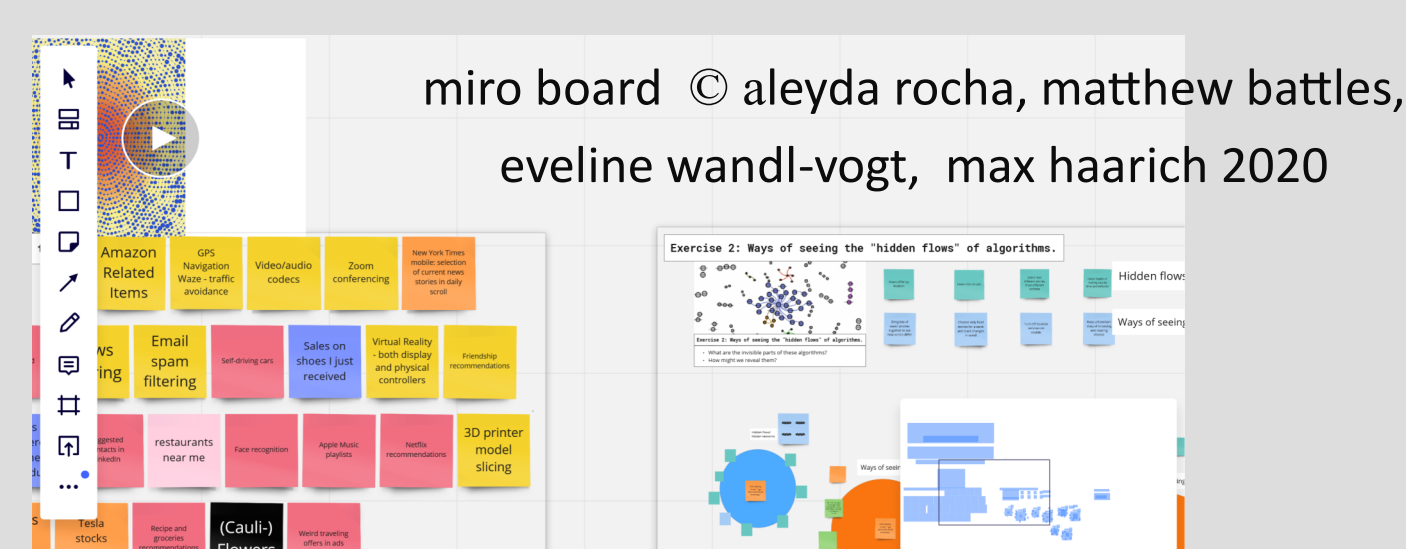sustainable development
goals

self-organisation

17 PARTNERSHIPS FOR THE GOALS

garden of .. knowledge for humanity

framework
ars electronica festival 2020: 11 virtual in-
terventions and 1 face to face presentati-
on in deep space , various of them with a
participatory approach,
e.g. co-design of the „museum of know-
ledge science", speculative critical design
with the community group „community
creates mobility", methodathon for the
participatory furthered „algorithm inven-
tarium", open education with „exponential
mindset" etc.

results
· ongoing projects
  algorithm inventarium (AI+), PROVIDEDH
· tight collaboration with community creates mobility

· available on our k4h+ github, zenodo

miro board © aleyda rocha, matthew battles,
eveline wandl-vogt , max haarich 2020

recognition
· best case example of the austrian government for
  open innovation
· nominated for falling walls scientific breakthrough
  finalist 2020

Ars Electronica Garden of ... Knowledge for Humanity
Garden of ... Knowledge for Humanity
Ars Electronica (AT) et al. (DNT)

ÖAW ACDH

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Knowledge for Humanity