

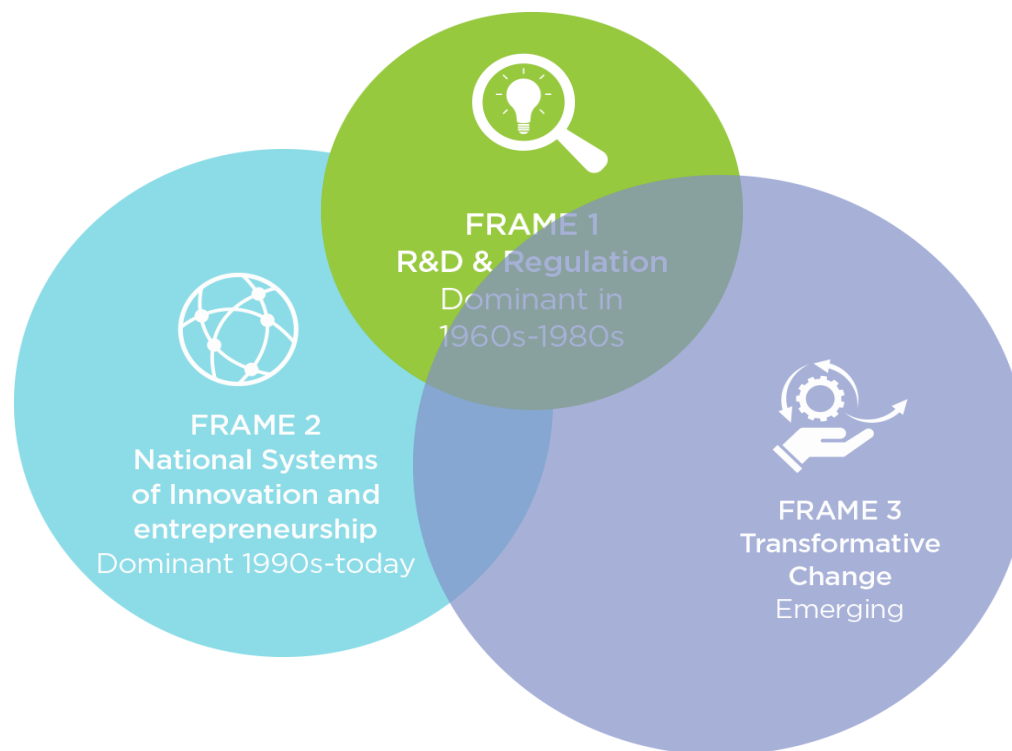


4TH INNOVATION ECO-SYSTEM WORKSHOP: MAXIMISING THE TRANSITION OPPORTUNITIES OF EUROPE'S GREEN DEAL

JOHAN SCHOT, UTRECHT UNIVERSITY CENTRE FOR GLOBAL CHALLENGES

9 DECEMBER 2020

THE 3 FRAMES OF INNOVATION



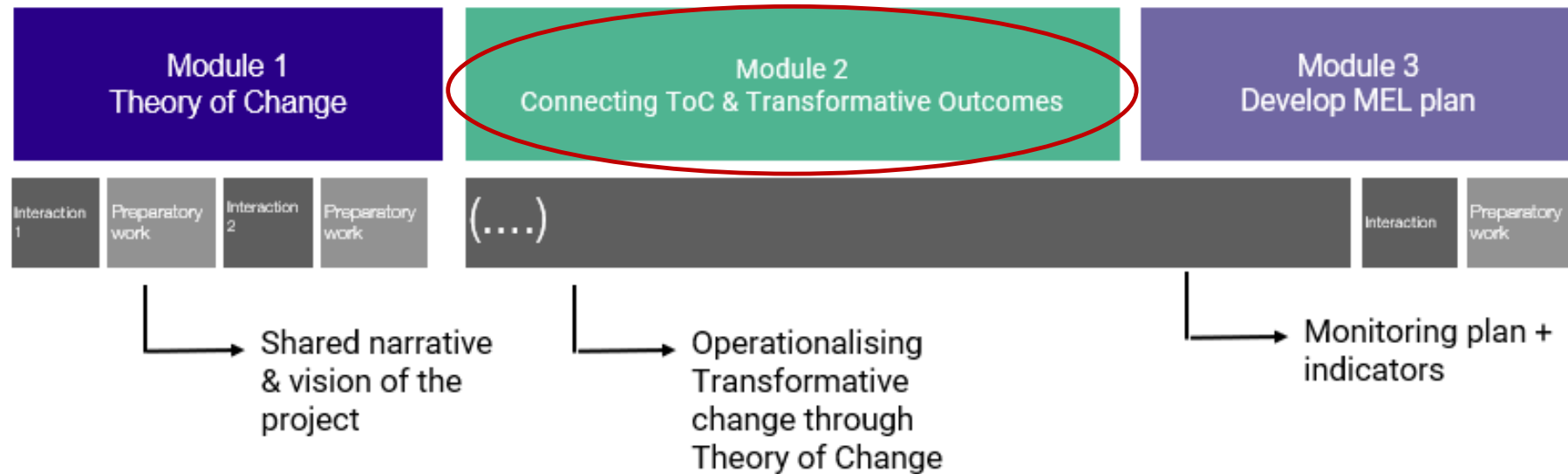
Schot & Steinmueller, 2018

TRANSFORMATIVE CHANGE: FRAME 3

- Societal Challenges (SDGs) are the starting point
- Recognition of need for Transformative Change/Sustainability Transitions of socio-technical systems - focus on number of key transformations (missions)
- Various concepts & tools, developed in sustainability transitions field such as transition & strategic niche management
- Approach is bottom-up and relies on experimentation (with a lot of space for a regional approach)
- Policy facilitates/modulates ongoing transformations by making it more transformative (working with transformative outcomes)

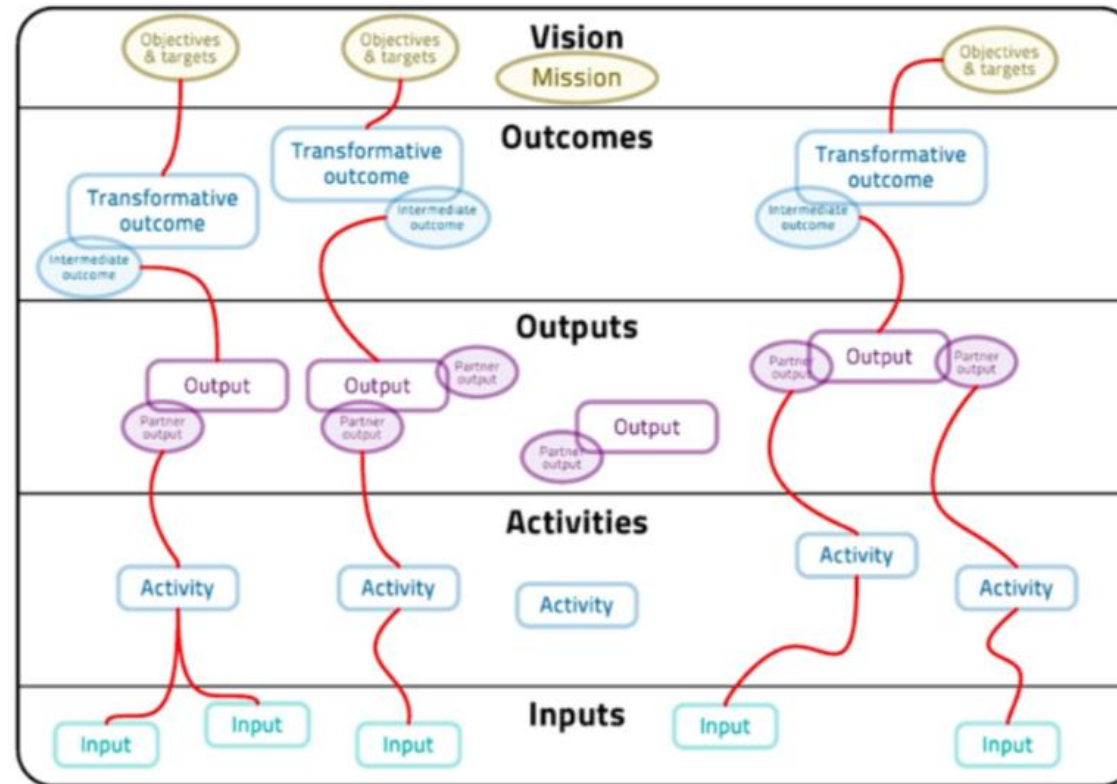
MOTION: CONNECTING A THEORY OF CHANGE & TRANSFORMATIVE OUTCOMES

MOTION: Formative Evaluation and Learning based on Transformative Theory of Change



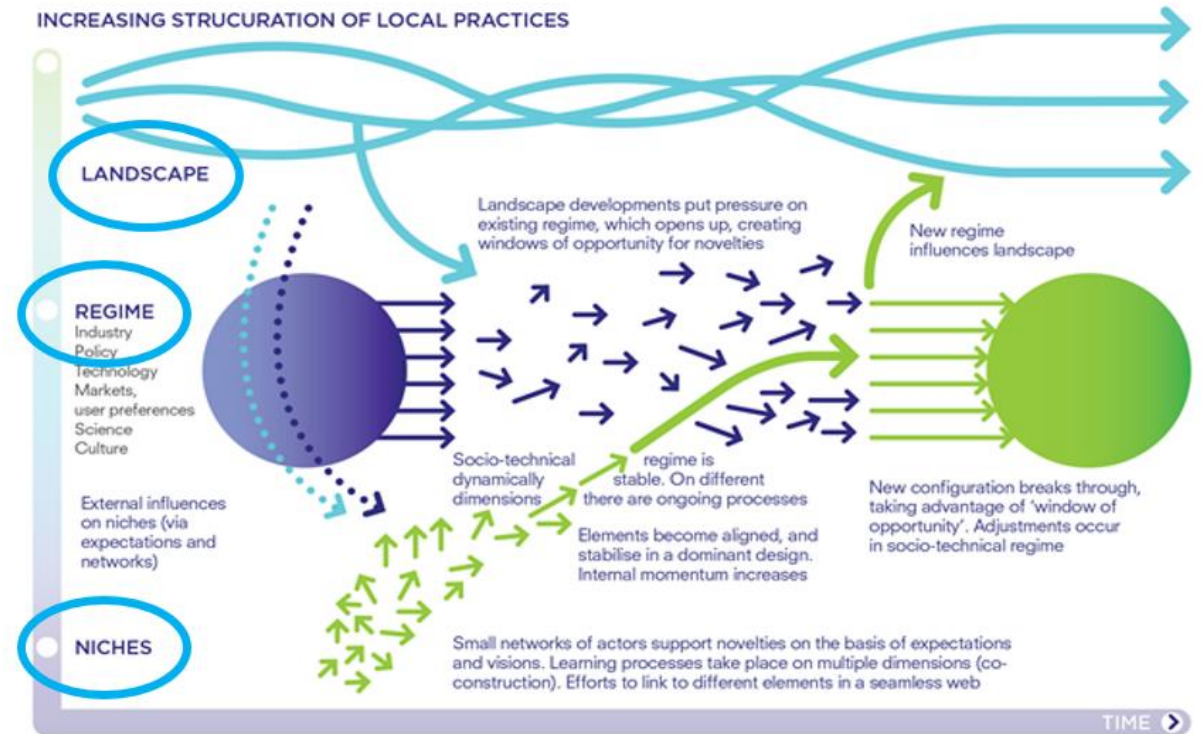
www.tipconsortium.net/experiment/the-motion-project

THEORY OF CHANGE: A TOOL TO OPERATIONALIZE SYSTEM CHANGE



TRANSFORMATIVE OUTCOMES: THE FRAMEWORK

- Three general macro processes that can facilitate transformations:
 - 1) Building and nurturing niches
 - 2) Expanding and mainstreaming niches
 - 3) Opening up and unlocking regimes
- Each macro process consists of four sub-processes
= 12 transformative outcomes

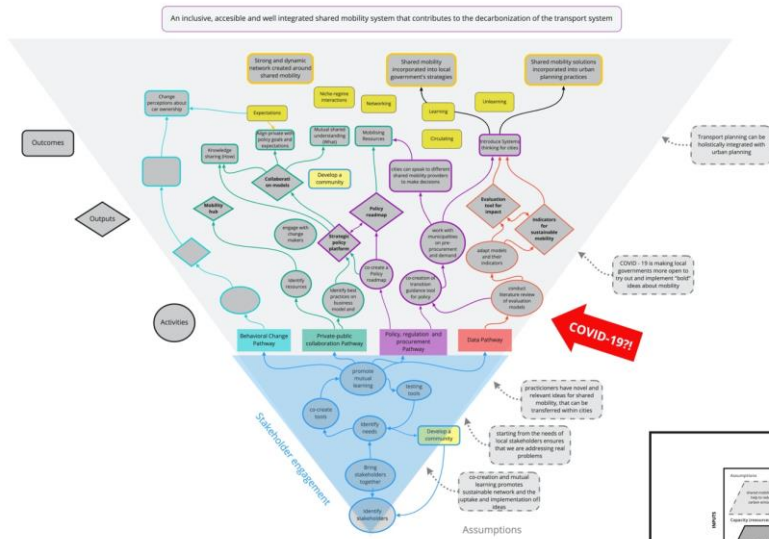


Multi level perspective of the socio-technical transition framework. Source: Geels, 2002; Geels and Schot, 2007

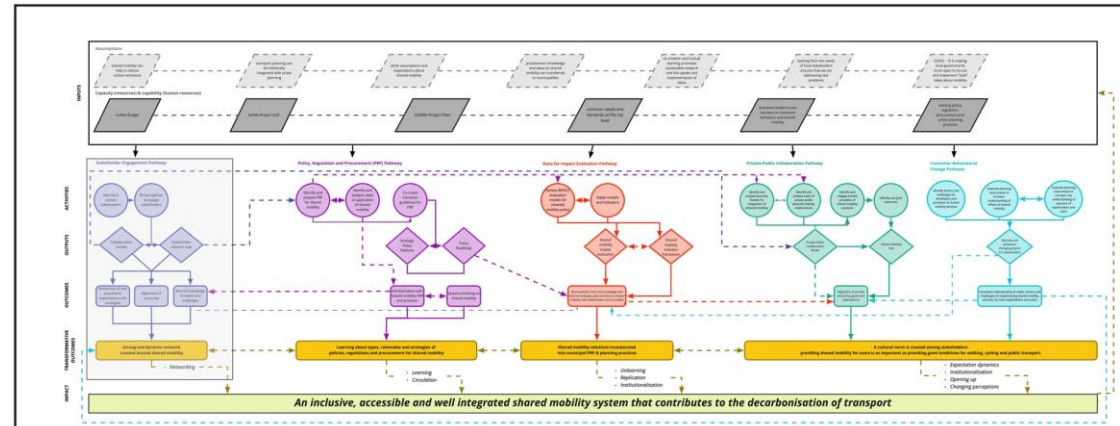
HOW CAN EIT CLIMATE-KIC FACILITATE TRANSFORMATION?

- Orient ongoing transformations on climate action
- Help to build & expand niches & open up regimes for change (building ToCs) - making projects/programs system positive
- Act as a system intermediary or orchestrator (portfolio approach across systems)

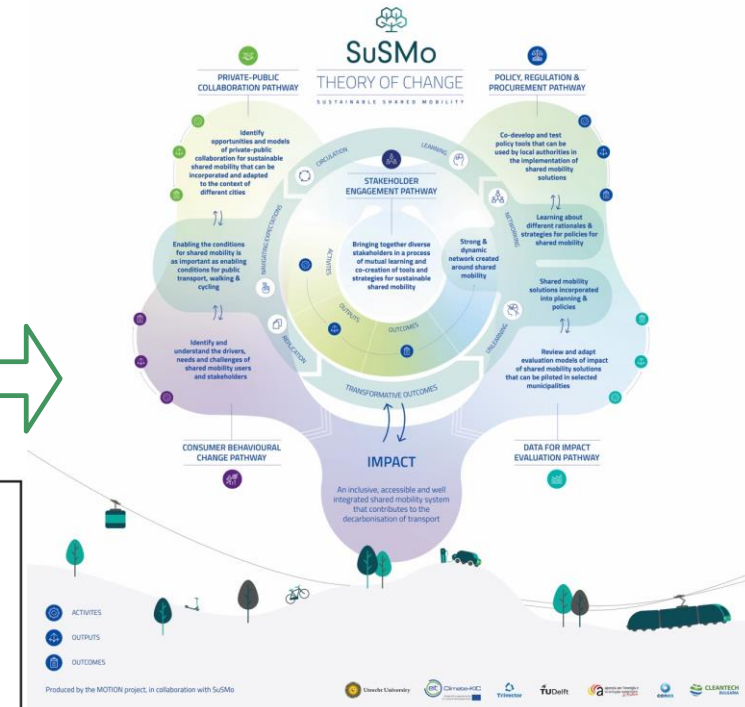
AN EVOLVING THEORY OF CHANGE FOR SUSMO (MOTION PROJECT): A STEPPING STONE FOR INDICATOR DEVELOPMENT AND THE MEL FRAMEWORK



Intensive collaboration and validation with a designer



Co-construction through **workshops**



SuSMo's ToC as a tool for monitoring, evaluation & learning.

WE NEED A NEW FRAMEWORK FOR TRANSFORMATIVE INNOVATION INDICATORS

“...there is a gap between established monitoring, data and indicators and the knowledge required to support transitions.”

EEA (2015)

“There are currently very few data and little evidence on how to achieve transformations at the rate, magnitude, scale and penetration called for by global change science. Policy mandates such as the Paris Agreement aim to limit climate change to 1.5 °C and the SDGs provide numerous targets and indicators, but the evidence for transformations often appears only in hindsight. To collect data for anticipating transformations in socio-ecological systems, there is a need to identify some 'early warning signals' for positive social change [...]. This might include data on changing worldviews and values among young people, data on increased participation in sharing economies, metrics of the growth and expansion of circular economies, monitoring of investment patterns, analysis of how environmental issues are represented in popular culture or changes in social norms [...].”

EEA (2017)

LET'S STAY IN TOUCH!

www.tipconsortium.net

www.johanschot.com

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