Innovation and sustainability transitions

Prof. dr. Derk Loorbach
Berlin, SustEcon, 26-09-2017
loorbach@drift.eur.nl
Twitter: @drk75
Dynamics of transitions

(Loorbach et al, 2017)
Transitions happening
Translocal diffusion of transformation

New Knowing
Values, information, learning

New practicing
Behavior, artefacts

Images, visions, concepts

New framing

Changing social relations

Cooperatives, business models
New organising

Acceleration Mechanisms

www.transitsocialinnovation.eu
www.acceleratingtransitions.eu
Transition governance mix: top-down, bottom-up and phase-out

Changing the rules
Pricing externalities, changing subsidies, setting transformative goals, prohibitions

Building the new
Finding, connecting and empowering niches, new practices, technologies, ...

Managing phase-out
Fossil fuels, waste incineration, industrial meat production, ...

Adjusting and learning
Organisational set-up transition process Circular Economy

<table>
<thead>
<tr>
<th>Consumer goods</th>
<th>Construction</th>
<th>Biomass and food</th>
<th>Manufacturing</th>
<th>Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interventionteam</td>
<td>Interventionteam</td>
<td>Portfolio team</td>
<td>Reflection team</td>
<td>Transition teams</td>
</tr>
<tr>
<td>Synergy team</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TA programme

Projects

Program team

Project team

Ministerie van Economische Zaken
‘landing zone’ for transitions

Components for policy transition

→ Institutional space
  - Dedicated and competent civil servants
  - Across departments and domains
  - Specific transition/impact targets

→ Political agenda
  - Budget and political mandate
  - Focus on mobilising and empowering radical transformative social change
  - Critical attitude towards incumbent policies

→ Experimental logic
  - Working in co-creation with practice
  - Learning-by-doing and doing-by-learning
  - Critical role for reflexive monitoring and learning