

TA Methods and Tools

Thematic session IV PACITA Conference 13-15 March 2013, Prague

Lars Klüver

Director of Danish Board of Technology Foundation

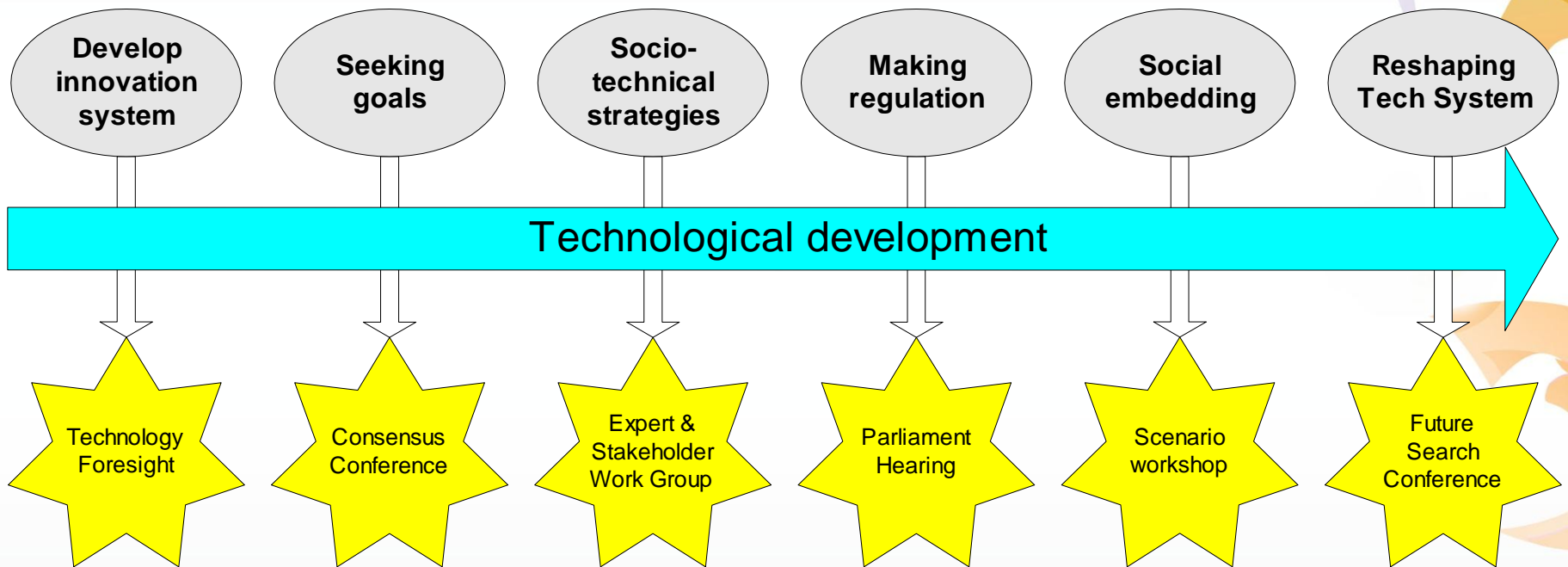
PACITA Coordinator



PACITA

Situation and response

Development and implementation of technology



Processes - rooms for analysis and dialogue



PACITA

Impacts of Technology Assessment

21 “roles” to play

	Raising knowledge	Forming attitudes	Initialising action
Tech/Sci aspects	SCIENTIFIC ASSESSMENT * Technical options assessed and made visible * Comprehensive overview on consequences given	AGENDA SETTING * Setting the agenda in the political debate * Stimulating public debate * Introducing visions or scenarios	REFRAMING OF DEBATE * New action plan or initiative to further scrutinise the problem decided * New orientation in policies established
Societal aspects	SOCIAL MAPPING * Structure of conflicts made transparent	MEDIATION * Self-reflecting among actors * Blockade running * Bridge building	NEW DECISION MAKING PROCESSES * New ways of governance introduced * Initiative to intensify public debate taken
Policy aspects	POLICY ANALYSIS * Policy objectives explored * Existing policies assessed	RE-STRUCTURING THE POLICY DEBATE * Comprehensiveness in policies increased * Policies evaluated through debate * Democratic legitimisation perceived	DECISION TAKEN * Policy alternatives filtered * Innovations implemented * New legislation is passed

When, how and why

Consensus Conference

When

Testing issues in a well-informed micro-democracy

How

12-16 pers mixed panel calls in experts and write an assessment report.

	Raising knowledge	Forming attitudes	Initialising action
Tech/Sci aspects	SCIENTIFIC ASSESSMENT * Technical options assessed and made visible * Comprehensive overview on consequences given	AGENDA SETTING * Setting the agenda in the political debate * Stimulating public debate * Introducing visions or scenarios	REFRAMING OF DEBATE * New action plan or initiative to further scrutinise the problem decided * New orientation in policies established
Societal aspects	SOCIAL MAPPING * Structure of conflicts made transparent	MEDIATION * Self-reflecting among actors * Blockade running * Bridge building	NEW DECISION MAKING PROCESSES * New ways of governance introduced * Initiative to intensify public debate taken
Policy aspects	POLICY ANALYSIS * Policy objectives explored * Existing policies assessed	RE-STRUCTURING THE POLICY DEBATE * Comprehensiveness in policies increased * Policies evaluated through debate * Democratic legitimisation perceived	DECISION TAKEN * Policy alternatives filtered * Innovations implemented * New legislation is passed

When, how and why

Citizen Hearing

When

Citizen ideas for local/national strategies needed

How

2-300, brainstorming, specifying & prioritising policy ideas

	Raising knowledge	Forming attitudes	Initialising action
Tech/Sci aspects	SCIENTIFIC ASSESSMENT * Technical options assessed and made visible * Comprehensive overview on consequences given	AGENDA SETTING * Setting the agenda in the political debate * Stimulating public debate * Introducing visions or scenarios	REFRAMING OF DEBATE * New action plan or initiative to further scrutinise the problem decided * New orientation in policies established
Societal aspects	SOCIAL MAPPING * Structure of conflicts made transparent	MEDIATION * Self-reflecting among actors * Blockade running * Bridge building	NEW DECISION MAKING PROCESSES * New ways of governance introduced * Initiative to intensify public debate taken
Policy aspects	POLICY ANALYSIS * Policy objectives explored * Existing policies assessed	RE-STRUCTURING THE POLICY DEBATE * Comprehensiveness in policies increased * Policies evaluated through debate * Democratic legitimisation perceived	DECISION TAKEN * Policy alternatives filtered * Innovations implemented * New legislation is passed

When, how and why

Voting Conference

When

Different actors claim to have the right action plan

How

Action plans presented by actors. Citizens, politicians and experts vote

	Raising knowledge	Forming attitudes	Initialising action
Tech/Sci aspects	SCIENTIFIC ASSESSMENT * Technical options assessed and made visible * Comprehensive overview on consequences given	AGENDA SETTING * Setting the agenda in the political debate * Stimulating public debate * Introducing visions or scenarios	REFRAMING OF DEBATE * New action plan or initiative to further scrutinise the problem decided * New orientation in policies established
Societal aspects	SOCIAL MAPPING * Structure of conflicts made transparent	MEDIATION * Self-reflecting among actors * Blockade running * Bridge building	NEW DECISION MAKING PROCESSES * New ways of governance introduced * Initiative to intensify public debate taken
Policy aspects	POLICY ANALYSIS * Policy objectives explored * Existing policies assessed	RE-STRUCTURING THE POLICY DEBATE * Comprehensiveness in policies increased * Policies evaluated through debate * Democratic legitimisation perceived	DECISION TAKEN * Policy alternatives filtered * Innovations implemented * New legislation is passed

When, how and why

Future Lab

When

Actors need to define problems, visions and action opportunities

How

Actor group criticise, turn that to visions, make action on visions

	Raising knowledge	Forming attitudes	Initialising action
Tech/Sci aspects	SCIENTIFIC ASSESSMENT * Technical options assessed and made visible * Comprehensive overview on consequences given	AGENDA SETTING * Setting the agenda in the political debate * Stimulating public debate * Introducing visions or scenarios	REFRAMING OF DEBATE * New action plan or initiative to further scrutinise the problem decided * New orientation in policies established
Societal aspects	SOCIAL MAPPING * Structure of conflicts made transparent	MEDIATION * Self-reflecting among actors * Blockade running * Bridge building	NEW DECISION MAKING PROCESSES * New ways of governance introduced * Initiative to intensify public debate taken
Policy aspects	POLICY ANALYSIS * Policy objectives explored * Existing policies assessed	RE-STRUCTURING THE POLICY DEBATE * Comprehensiveness in policies increased * Policies evaluated through debate * Democratic legitimisation perceived	DECISION TAKEN * Policy alternatives filtered * Innovations implemented * New legislation is passed

A broad toolbox

- Expert Analysis
 - X-disciplin Work Group
 - Structured Brainstorm
 - Open innovation
- Citizen Participation
 - Choice Questionnaire
 - Focus Groups
 - Voting Conference
 - Interview Meeting
 - Consensus Conference
 - Citizen summit
 - World Wide Views
- Stakeholder Participation
 - Future Search
 - Perspective Workshop
 - Scenario Workshop
- Advisory function
 - Parliamentary Hearings
 - Future Panel
- Public Debates
 - Involvement in projects
 - Debates with feedback
 - Citizen meetings



The changing context

- Policy moves upwards
 - Climate; Oceans; Terror; Pandemics; Biodiversity...
 - Publics, advisors, debate stay national
 - Democratic, analytical, communicative gaps
 - e is changing the rules of communication
 - Crisis leads to technocracy and fast solutions
 - System change and transition everywhere
 - The “competition state” – PMs act as CEOs
- What does that mean for TA approaches?



Aim of the session

We will explore the vague picture of future paths in methods, tools and approaches

Thereby exploring the future paths of TA.



PACITA

The program

- Heerings/Egmond: What can TA learn from stories: [Narratives](#)
- Visser/Keulen: Superhuman – a social game for the iPhone: [eTA](#)
- Bobylev/Jefferson: Tools for TA: [MCDA](#)
- Lucivero/Delvenne/Oudsheusden: Bringing back normative content into TA: [Value-choices](#)
- Bedsted: Citizen participation and global governance: [Global pTA](#)
- Shuitmaker/Roelofsen/Broerse: Dialogue as a tool for societal valorisation: [Upstream CTA](#)

