ROADMAP FOR THE IMPLEMENTATION AND USE OF THE ETHICS ASSESSMENT FRAMEWORK

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SATORI ROADMAP FORMULATION

- The SATORI roadmap shows the way how ethics assessment framework developed in SATORI could be implemented in practice.
- The time span of the roadmap is 10 years.
- Vision formulation
- The implementation of a new social practice was studied and a model for the implementation of a new social practice was constructed. This model was used as the basis when identifying the necessary steps to the vision.
- Recommendations
- Report

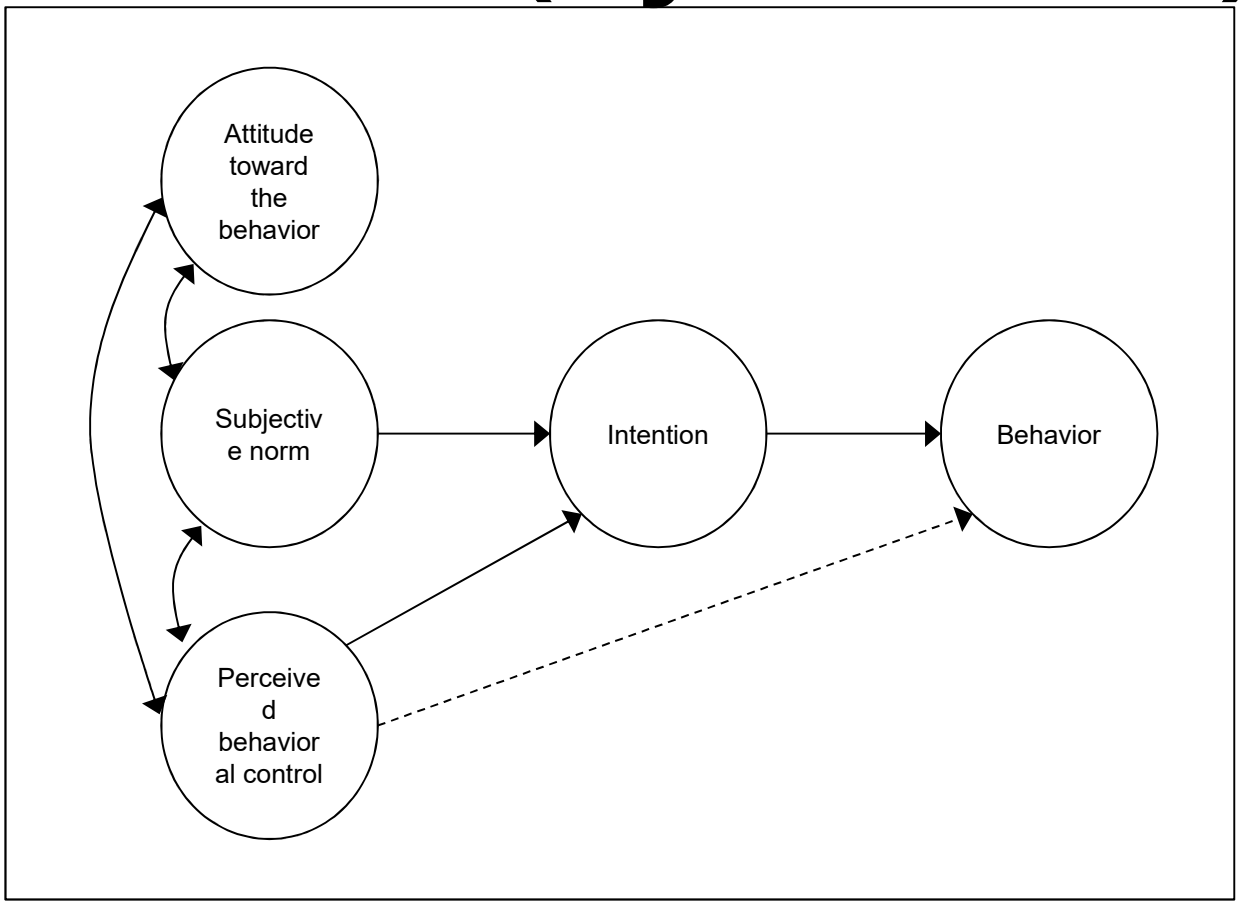
VISION STATEMENT

- In the European Union there is a well developed practice of Ethics Assessment, which ensures that the European research and innovation community follows high ethical standards in their R&I operations. The implemented practices, procedures and institutions for ethics assessment strengthen the socio-economic benefits of R&I, and are inspirational beyond the European context

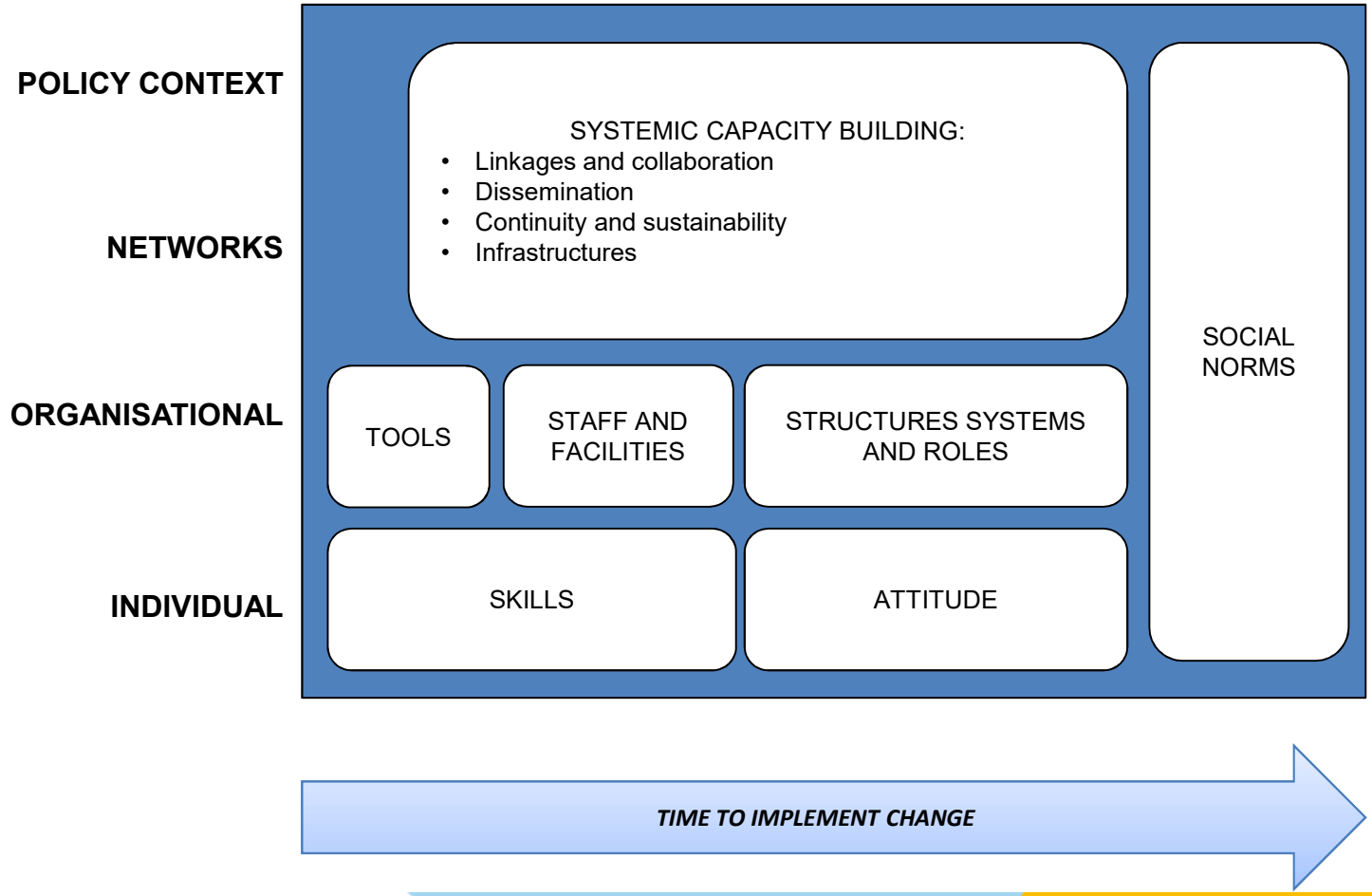
REQUIRED CHANGES

- We composed a theoretical model to explain the required changes to promote the adoption of a new organizational or behavioural practice
- Systemic capacity building (Cooke 2005, Potter & Brough 2004)
- Theory of planned behaviour (Ajzen 1991, 2011; Hardeman et al. 2002; Thoradeniya et al. 2015)
- Unified theory of technology acceptance and use (e.g. Venkatesh et al. 2003).

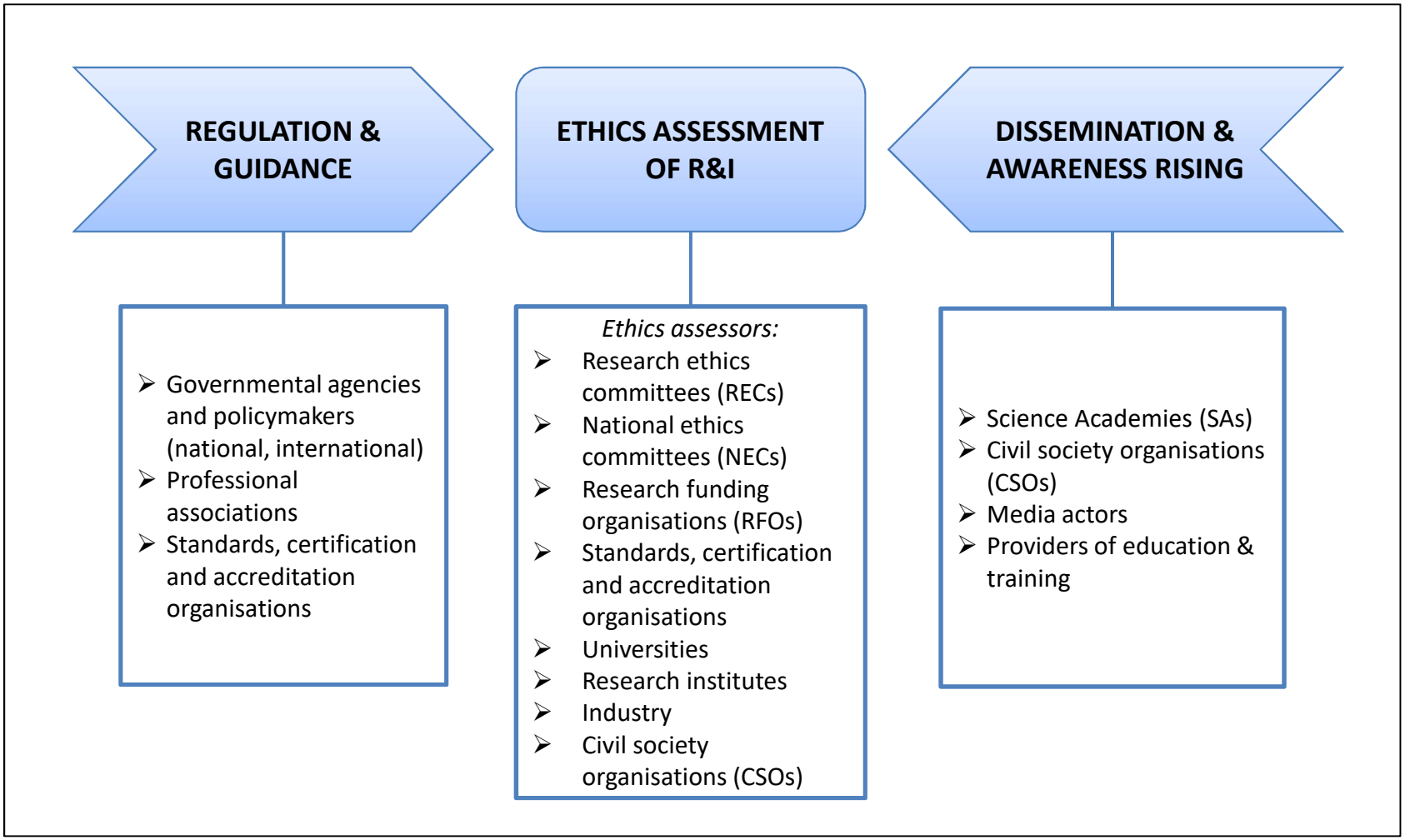
THEORY OF PLANNED BEHAVIOUR (AJZEN 1991)

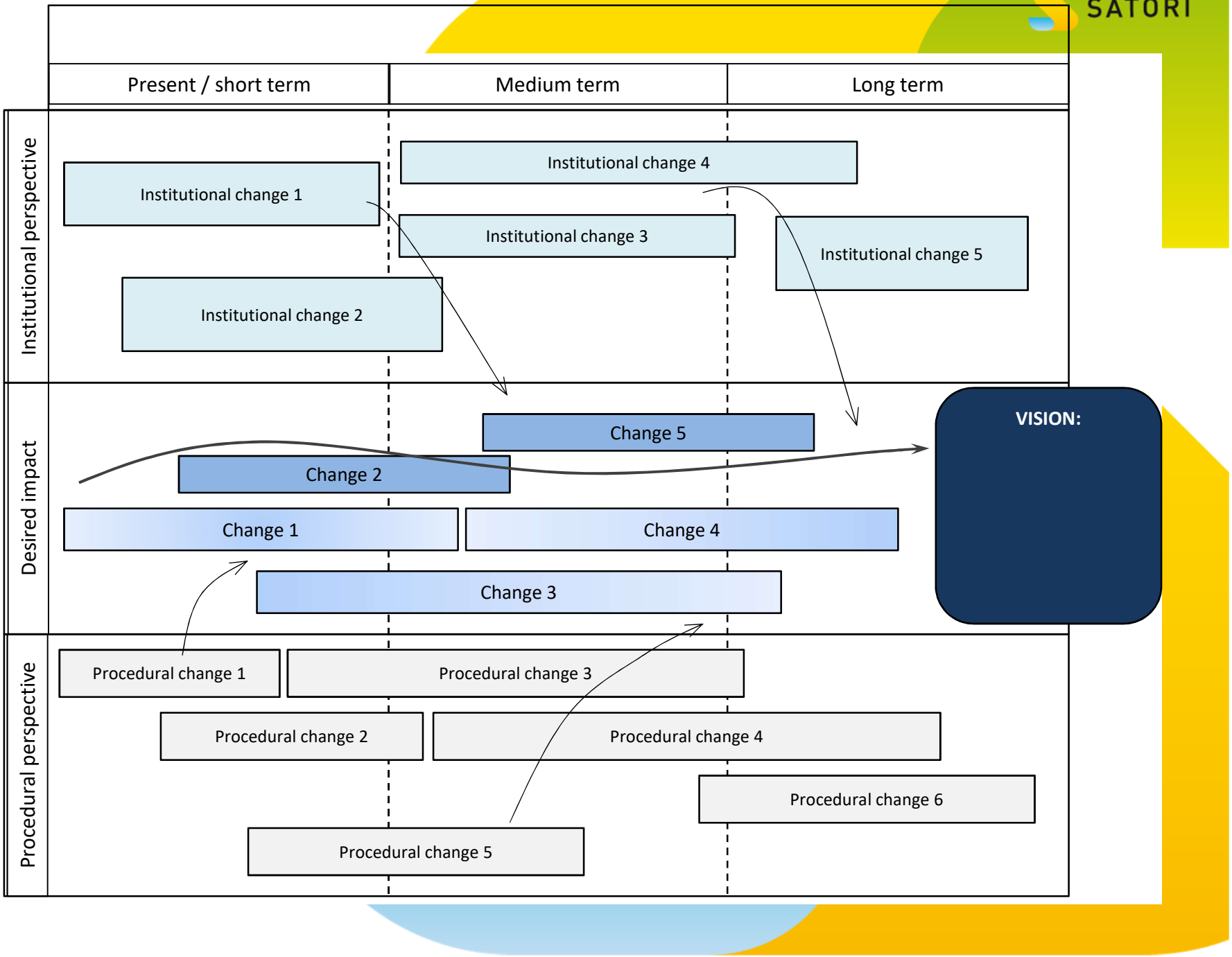


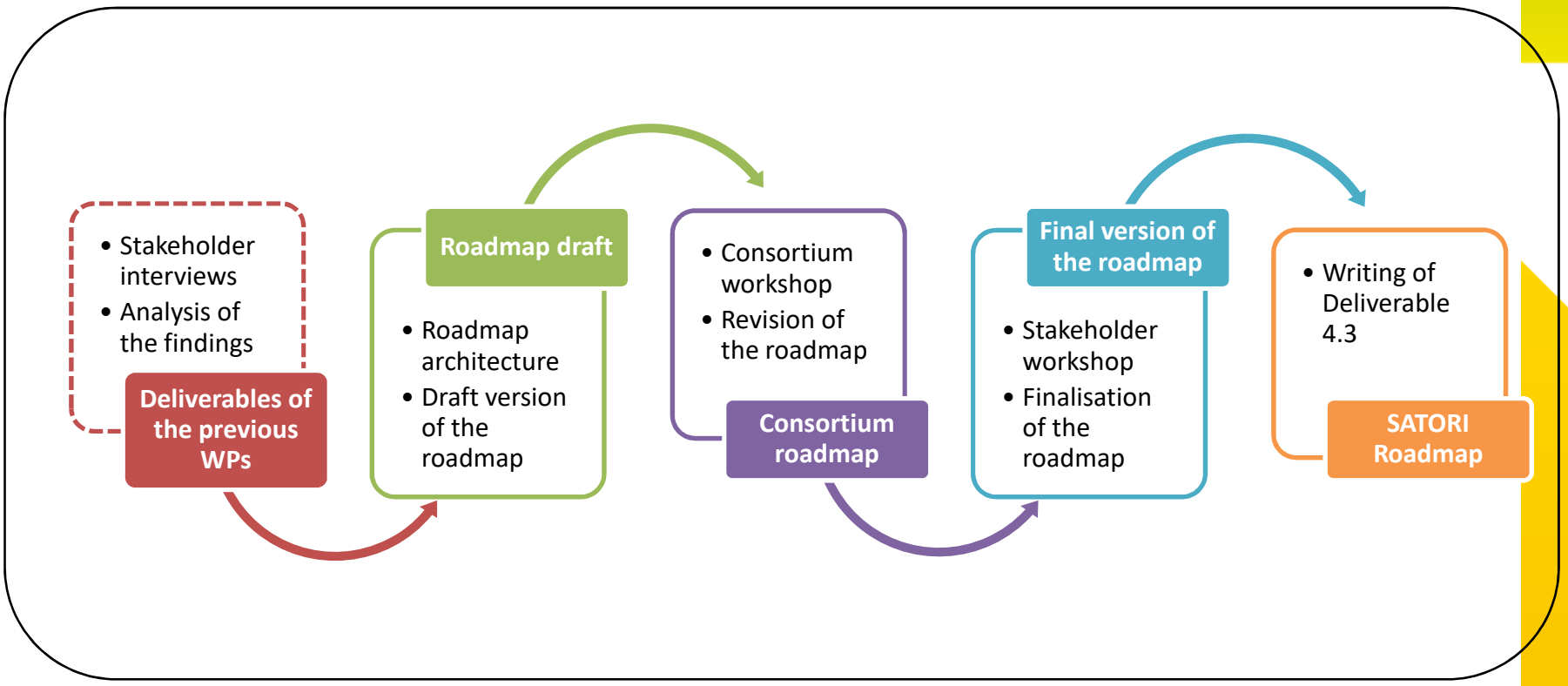
MODEL FOR DESIRED IMPACT

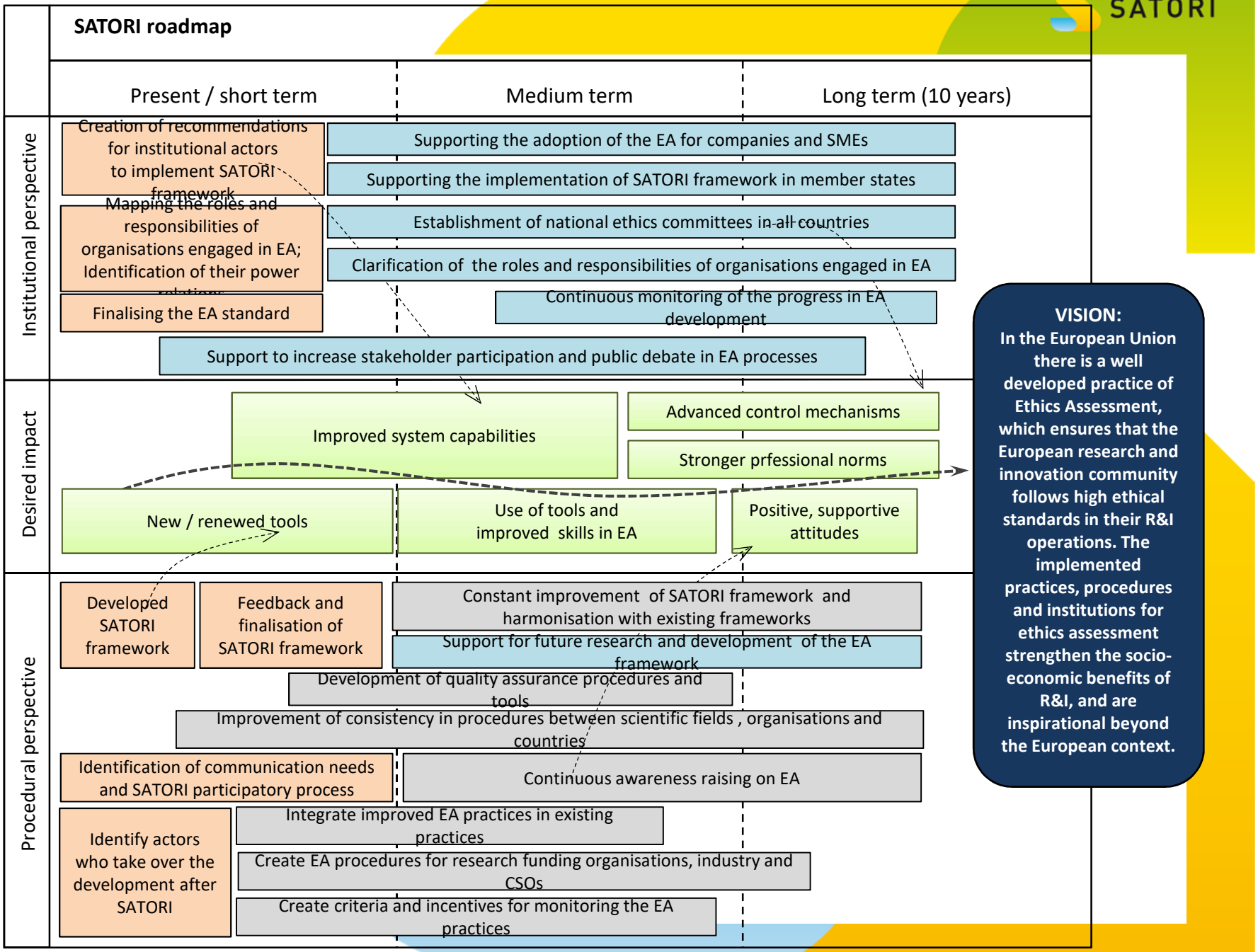


STAKEHOLDERS




SATORI
Present / short term
Medium term
Long term
Institutional perspective
Institutional change 1
Institutional change 4
Institutional change 3
Institutional change 5
Institutional change 2
Desired impact
Change 5
Change 2
Change 1
Change 4
Change 3
VISION:
Procedural perspective
Procedural change 1
Procedural change 3
Procedural change 2
Procedural change 4
Procedural change 6
Procedural change 5


• Stakeholder interviews
• Analysis of the findings
Deliverables of the previous WPs
Roadmap draft
• Roadmap architecture
• Draft version of the roadmap
• Consortium workshop
• Revision of the roadmap
Consortium roadmap
Final version of the roadmap
• Stakeholder workshop
• Finalisation of the roadmap
• Writing of Deliverable 4.3
SATORI Roadmap


SATORI roadmap
SATORI
Present / short term
Medium term
Long term (10 years)
Institutional perspective
Creation of recommendations for institutional actors to implement SATORI framework
Mapping the roles and responsibilities of organisations engaged in EA; Identification of their power relations
Finalising the EA standard
Supporting the adoption of the EA for companies and SMEs
Supporting the implementation of SATORI framework in member states
Establishment of national ethics committees in all countries
Clarification of the roles and responsibilities of organisations engaged in EA
Continuous monitoring of the progress in EA development
Support to increase stakeholder participation and public debate in EA processes
Desired impact
Improved system capabilities
Advanced control mechanisms
Stronger prfessional norms
New / renewed tools
Use of tools and improved skills in EA
Positive, supportive attitudes
Procedural perspective
Developed SATORI framework
Feedback and finalisation of SATORI framework
Constant improvement of SATORI framework and harmonisation with existing frameworks
Support for future research and development of the EA framework
Development of quality assurance procedures and tools
Improvement of consistency in procedures between scientific fields , organisations and countries
Identification of communication needs and SATORI participatory process
Continuous awareness raising on EA
Identify actors who take over the development after SATORI
Integrate improved EA practices in existing practices
Create EA procedures for research funding organisations, industry and CSOs
Create criteria and incentives for monitoring the EA practices
VISION:
In the European Union there is a well developed practice of Ethics Assessment, which ensures that the European research and innovation community follows high ethical standards in their R&I operations. The implemented practices, procedures and institutions for ethics assessment strengthen the socio-economic benefits of R&I, and are inspirational beyond the European context.

INSTITUTIONAL PERSPECTIVE

Desired outcomes	SATORI	Ethics assessment organisations	Organisations contributing to regulation and guidance
System-level capabilities in implementing EA	• Creation of recommendations for policy makers to implement the SATORI framework • Finalising the ethics assessment standard		• Supporting the adoption of the SATORI EA standards in academic research, industry, and SMEs • Supporting the implementation of the SATORI framework in member states • Establishing national ethics committees in all EU countries
Responsibilities and monitoring of EA	• Mapping the roles and responsibilities of organisations engaged in ethics assessment • Identification of their power relations		• Clarification of the roles and responsibilities of organisations engaged in EA • Continuous monitoring of the progress in EA development
Stronger professional norms			• Support to increase stakeholder participation and public debate in EA processes

PROCEDURAL PERSPECTIVE

Desired outcomes	SATORI	Ethics assessment organisations	Organisations contributing to regulation and guidance
New / improved tools	• Feedback and finalisation of SATORI framework	• Continuous improvement of SATORI framework and harmonisation with existing frameworks • Development of quality assurance procedures and tools	• Support for future research and development of the EA framework
Use of tools and improved skills in EA		• Improvement of consistency in procedures between scientific fields, organisations and countries • Integrate improved EA practices in existing practices	
Positive, supportive attitudes towards EA	• Identification of communication needs and SATORI participatory process	• Continuous awareness raising on EA	
System-level capabilities in implementing EA	• Identify actors who take over the development after SATORI	• Create EA procedures for research funding organisations, industry and CSOs • Create criteria and incentives for monitoring the EA practices	

"SUMMARY ROADMAP"

SATORI Project	Organisations (EAUs) & Networks	Policy makers
• *Creation of recommendations for institutional actors to implement SATORI framework* • *Finalising the EA standard* • *Mapping the roles and responsibilities of organisations engaged in EA*	• *Incentives for EA could be built in the research funding systems* • *EA capabilities of companies and SMEs, in collaboration with industry associations, should be addressed*	• *Adoption of the EA standard* • *Implementation of SATORI framework in member states* • *Ethics committees in all countries* • *Roles and responsibilities defined* • *Continuous monitoring* • *Increase stakeholder participation and public debate*

INSTITUTIONAL PERSPECTIVE

Develop institutional capabilities & structures → Well-operating institutions & continuous monitoring →

Promote positive attitudes & influence professional norms →

PROCEDURAL PERSPECTIVE

Develop EA tools & frameworks → Promote the use of tools →

SATORI Project	Organisations (EAUs) & Networks	Policy makers
• Developed SATORI framework • Feedback and finalization of SATORI framework • Identification of communication needs and SATORI participatory process • Identify actors who take over the development after SATORI	• *Improvement of EA framework* • *Quality assurance procedures* • *Improvement of consistency* • *EA integr. in existing practices* • *Awareness raising on EA* • *EA procedures: RFOs, industry, CSOs* • *Monitoring of the EA practices*	• *Support for future research and development of the EA framework* • *Encourage of the development of responsible business: certification, European Awards, support to SMEs*

VISION:
In the European Union there is a well developed practice of Ethics Assessment, which ensures that the European research and innovation community follows high ethical standards in their R&I operations. The implemented practices, procedures and institutions for ethics assessment strengthen the socio-economic benefits of R&I, and are inspirational beyond the European context.

Roadmap towards adoption of a fully developed ethics assessment framework

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Deliverable D4.3

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