



NORDIC ICT FORESIGHT

Roadmapping: general process, phases and methods

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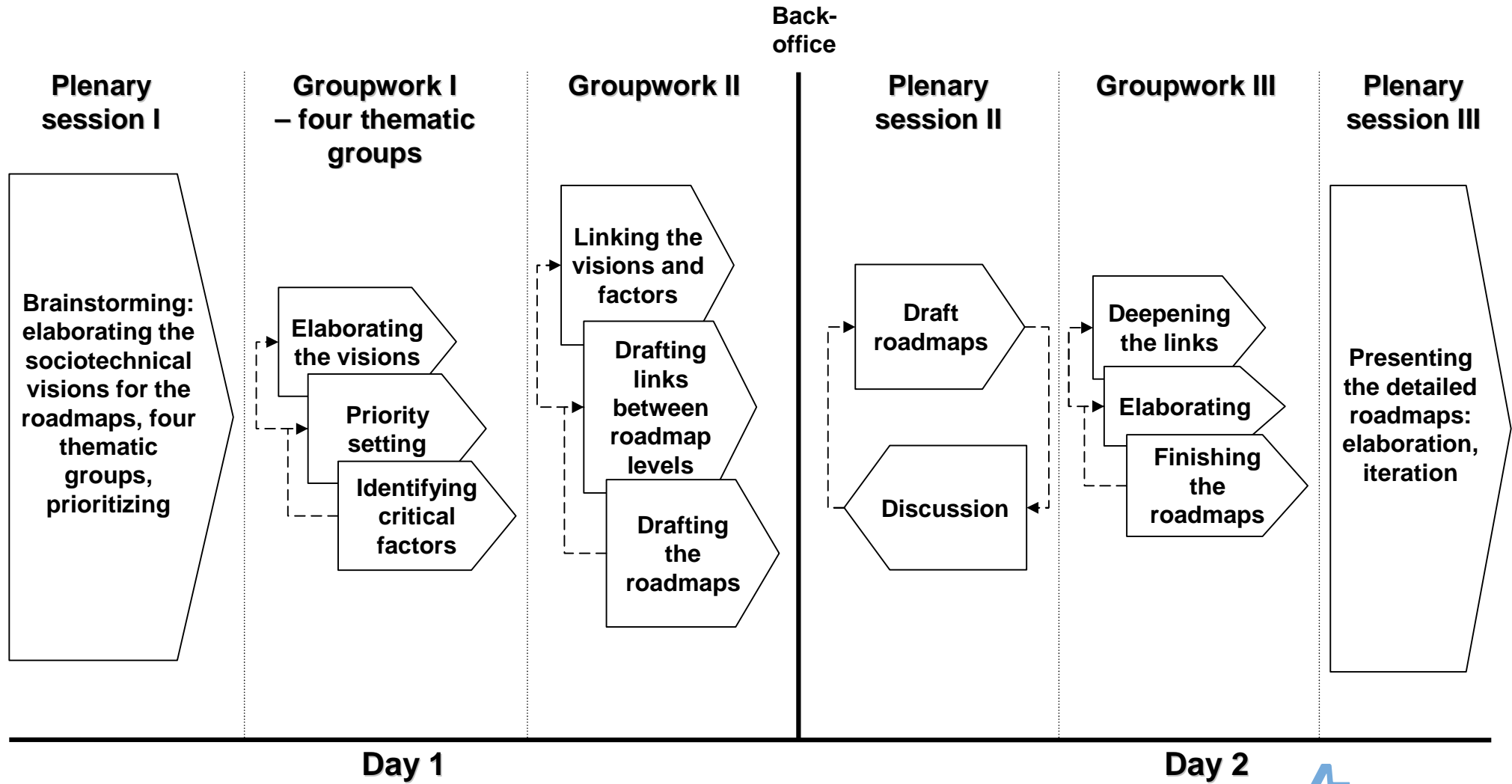


Applied roadmap for Nordic ICT Foresight



- Application that links the results of the SWOT workshops and especially scenario workshop
- Four roadmaps: experience economy, health, production economy, information security
- For each of the socio-technical visions (or groups of these) the seminar will discuss needed developments within the following five levels:
 1. **Science and education** (needs for scientific research, needs for competences)
 2. **Technology level** (networks, terminals, content delivery, quality of service, security among others)
 3. **Business/industry level** (business opportunities, business development in the match between technologies and markets, finance, industrial standards)
 4. **Market level** (market mechanisms and end use markets)
 5. **Government level** (industry policy, public R&D, early market stimulation, standardisation)
- Realistic market shares and timeframes of each vision and milestones on the path to the visions will also be discussed.

Roadmap workshop process



Plenary session I



**Key question:
Sociotechnical visions that enhance Nordic productivity, create jobs and well-being.**

Media and communication (experience economy)

	Applications	Technologies	Policies
Vision 1			
Vision 2			
Vision n			

Health

	Applications	Technologies	Policies
Vision 1			
Vision 2			
Vision n			

Production economy

	Applications	Technologies	Policies
Vision 1			
Vision 2			
Vision n			

Security

	Applications	Technologies	Policies
Vision 1			
Vision 2			
Vision n			

Groupwork I – four thematic groups

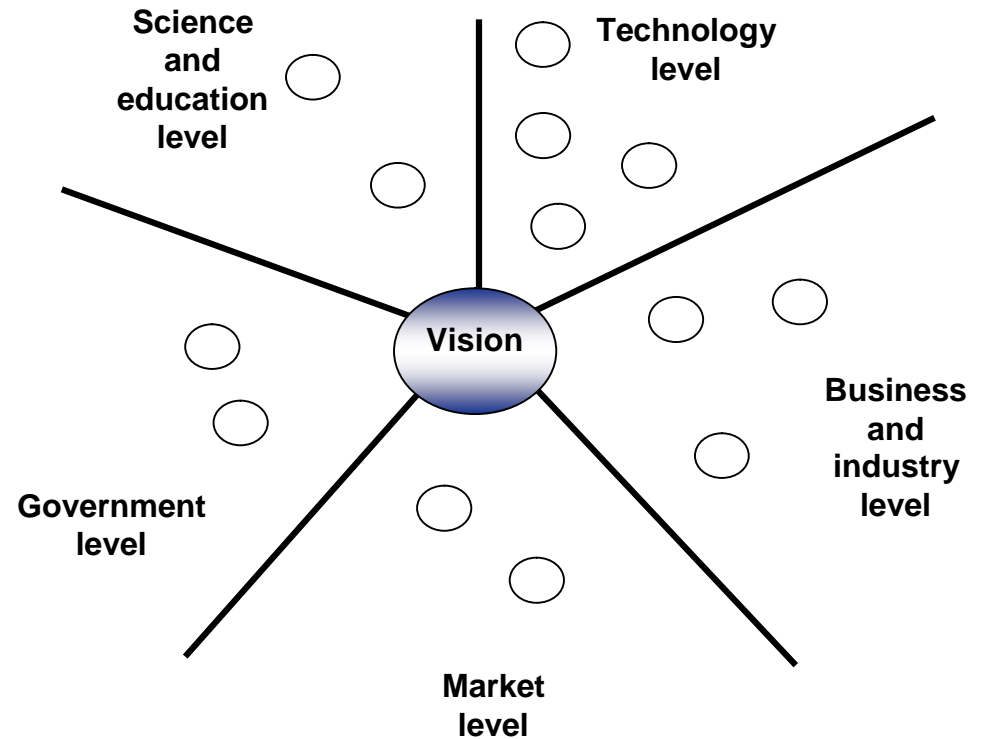


- 1) Elaborating the visions
- 2) Prioritization

- 3) Identifying critical factors in the roadmap levels – What are the enabling and constraining dimensions of each factor?

Media and communication (experience economy)

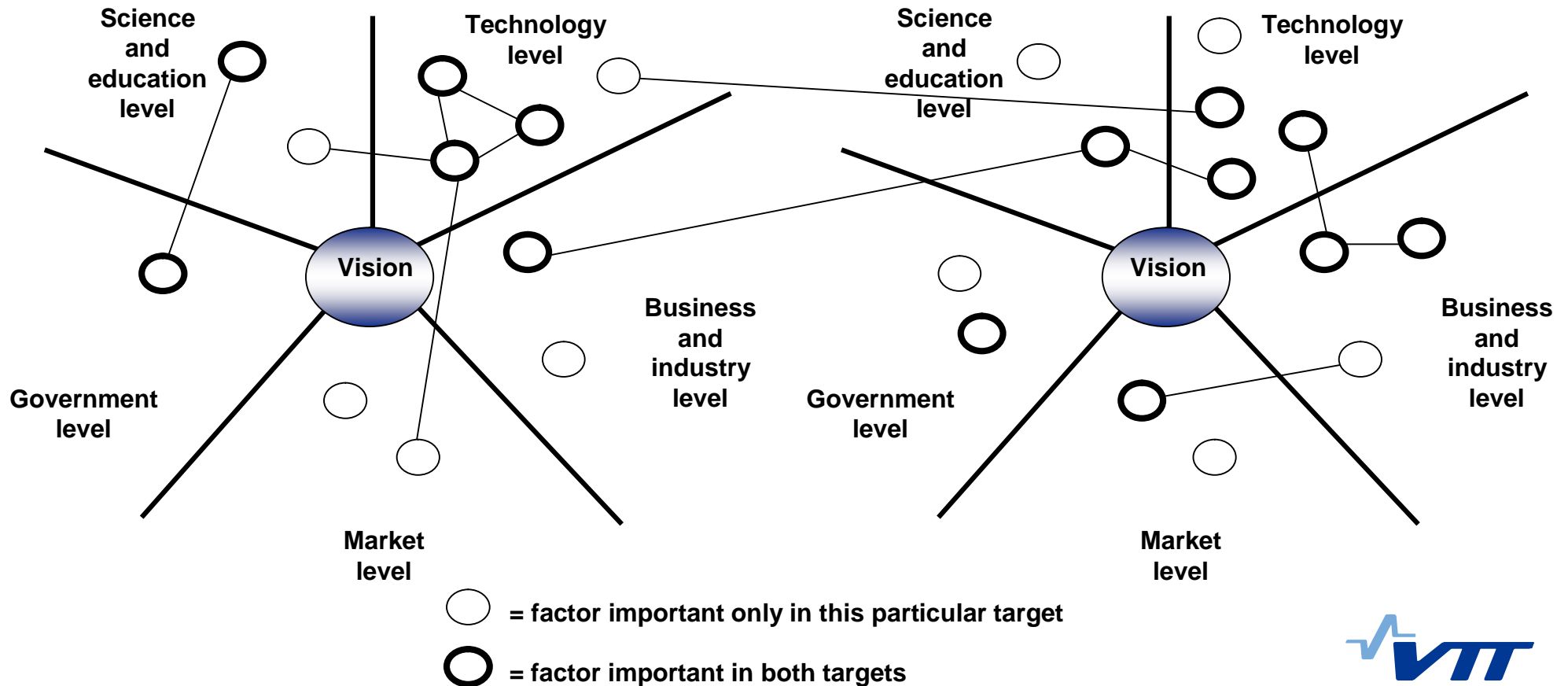
	Applications	Technologies	Policies
Vision 1 ● ● ● ● ●			
Vision 2 ● ● ● ● ● ● ● ● ● ●			
Vision n			



Groupwork II



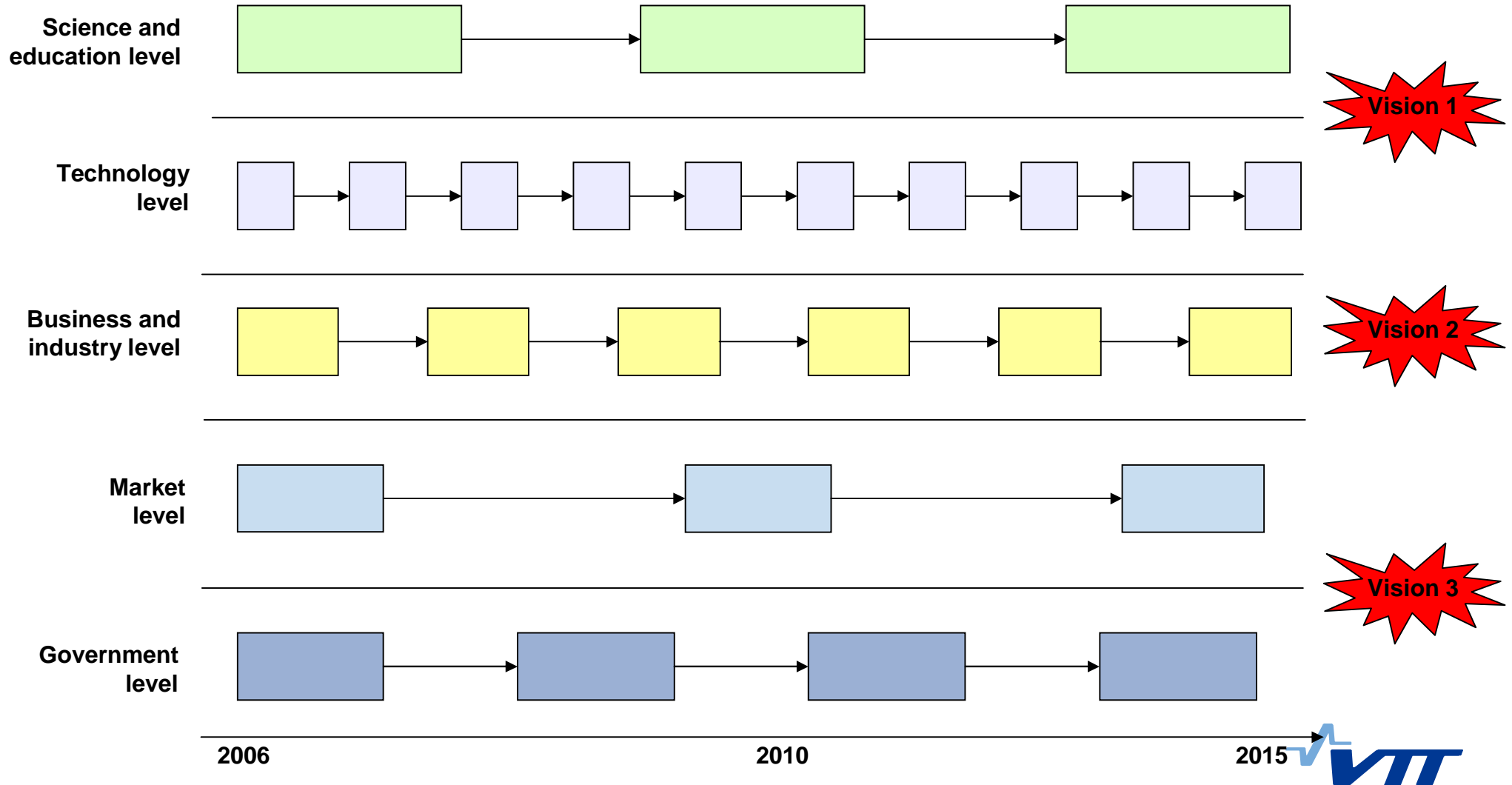
- 1) Elaboration of the critical factors in the roadmap levels
- 2) Characterizing and explicating the links between the factors



Groupwork II (continued)



3) Drafting the roadmaps in linear sequences

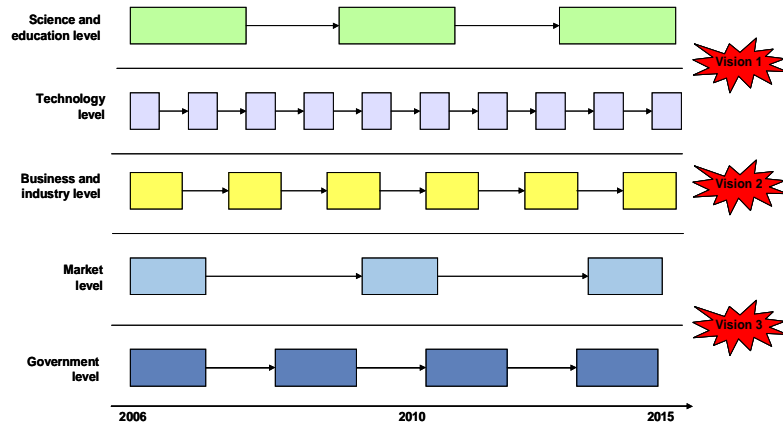


Plenary session II

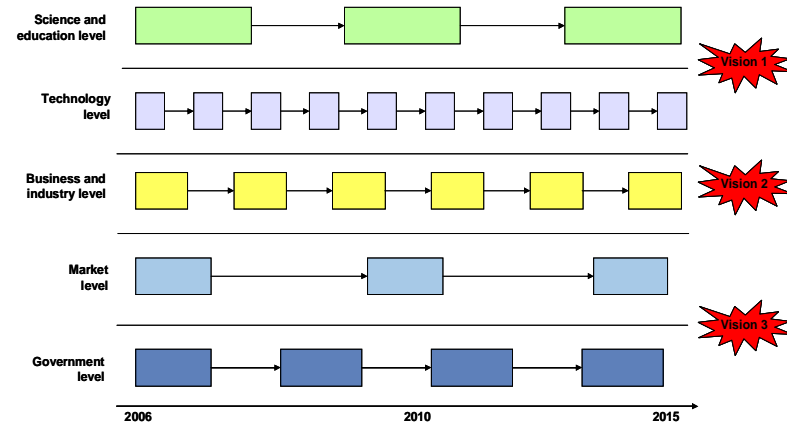


Presentation and discussion of draft roadmaps

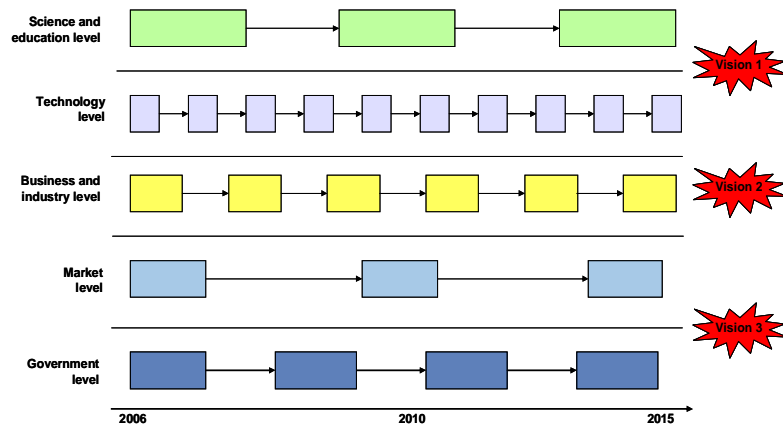
Media and communication (experience economy)



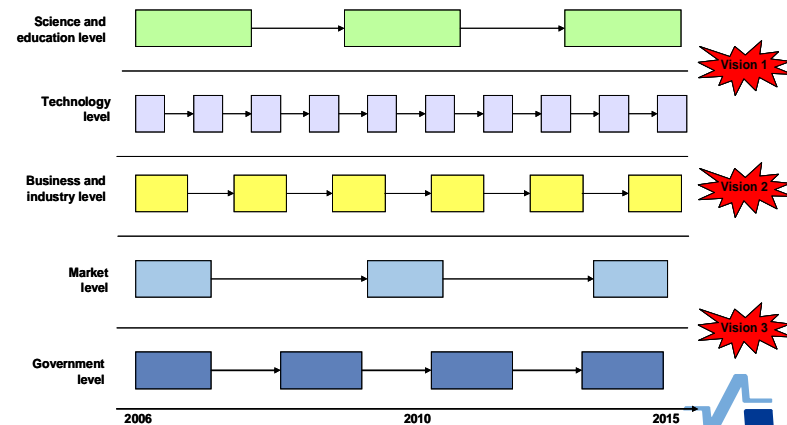
Health



Production economy



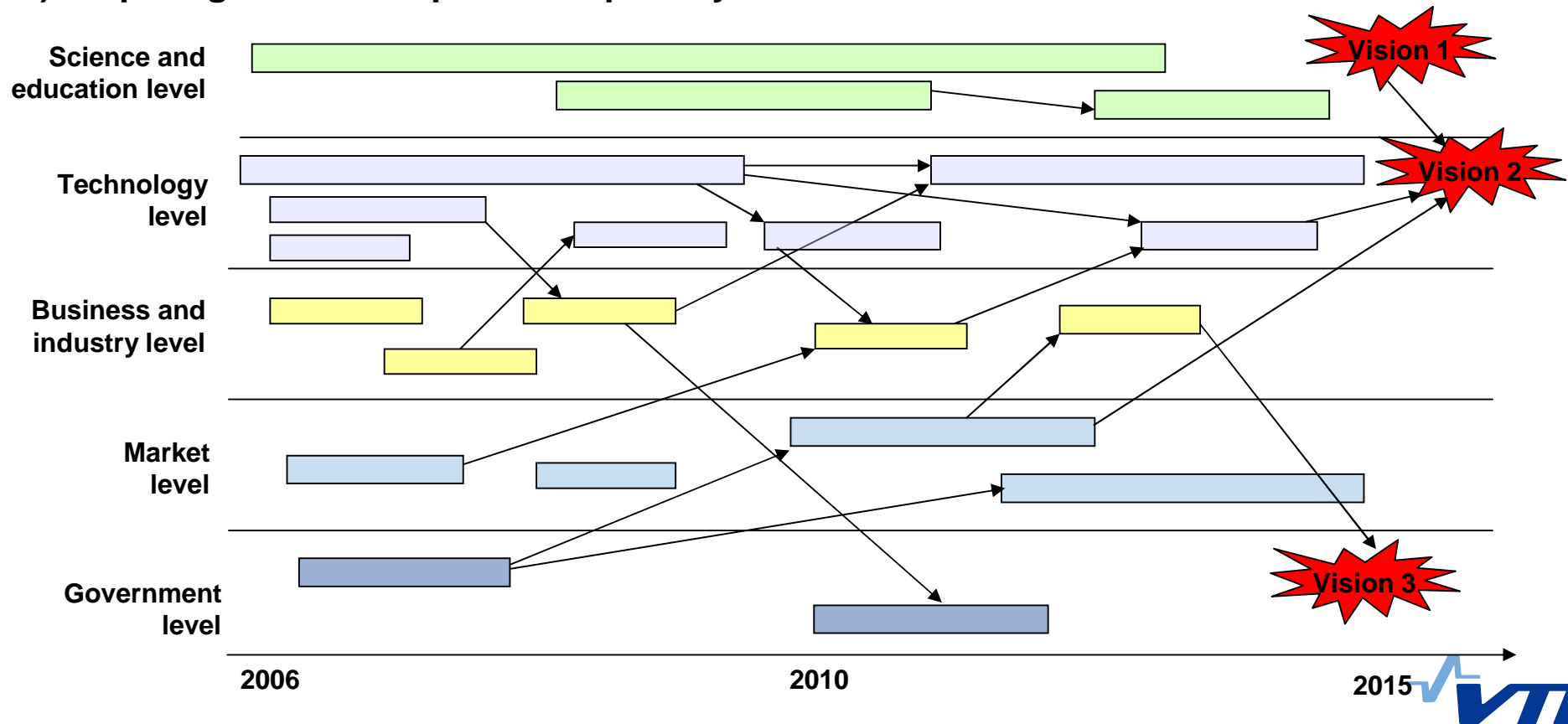
Security



Groupwork III



- 1) Characterization and detailing the nonlinear elements of the roadmaps
- 2) Deepening the links between the roadmap elements
- 3) Linking roadmap targets to different levels (science, technology, business/industry level, market level, government level)
- 4) Preparing the roadmaps for the plenary session

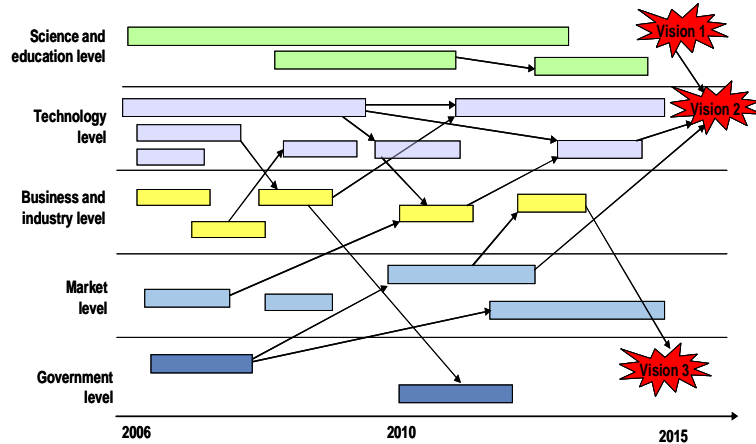


Plenary session III

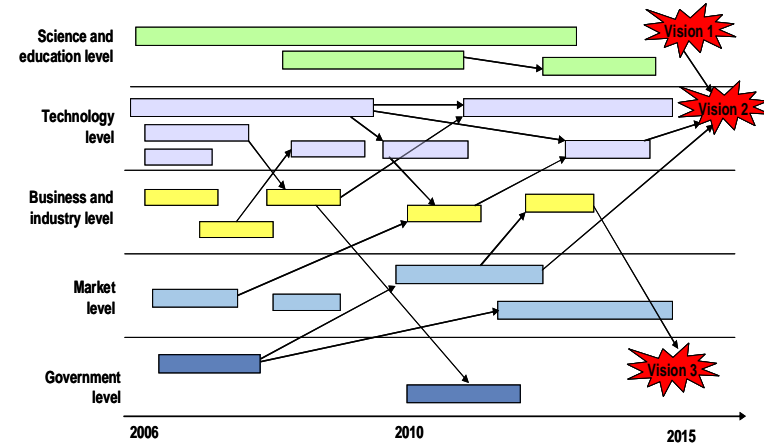


Presentation of the detailed roadmaps in the four focus areas

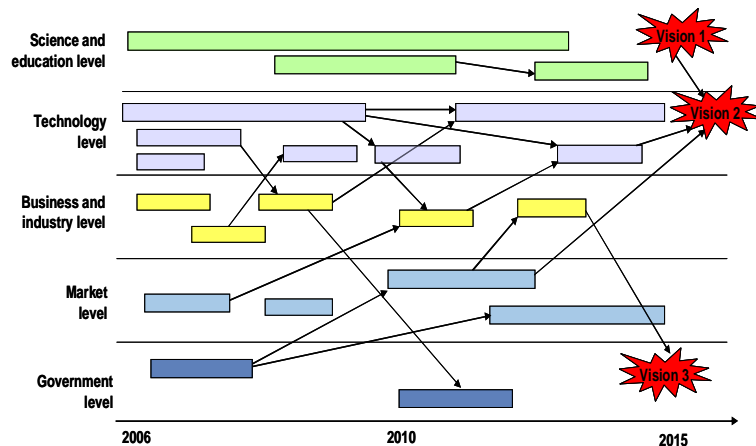
Media and communication (experience economy)



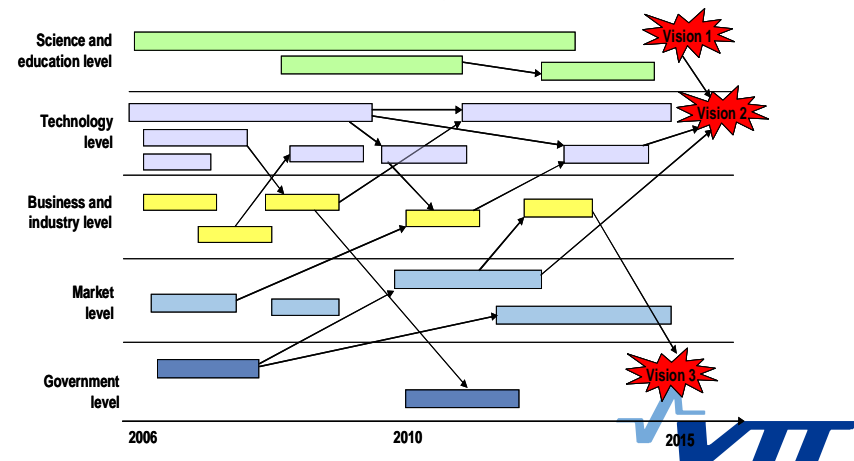
Health



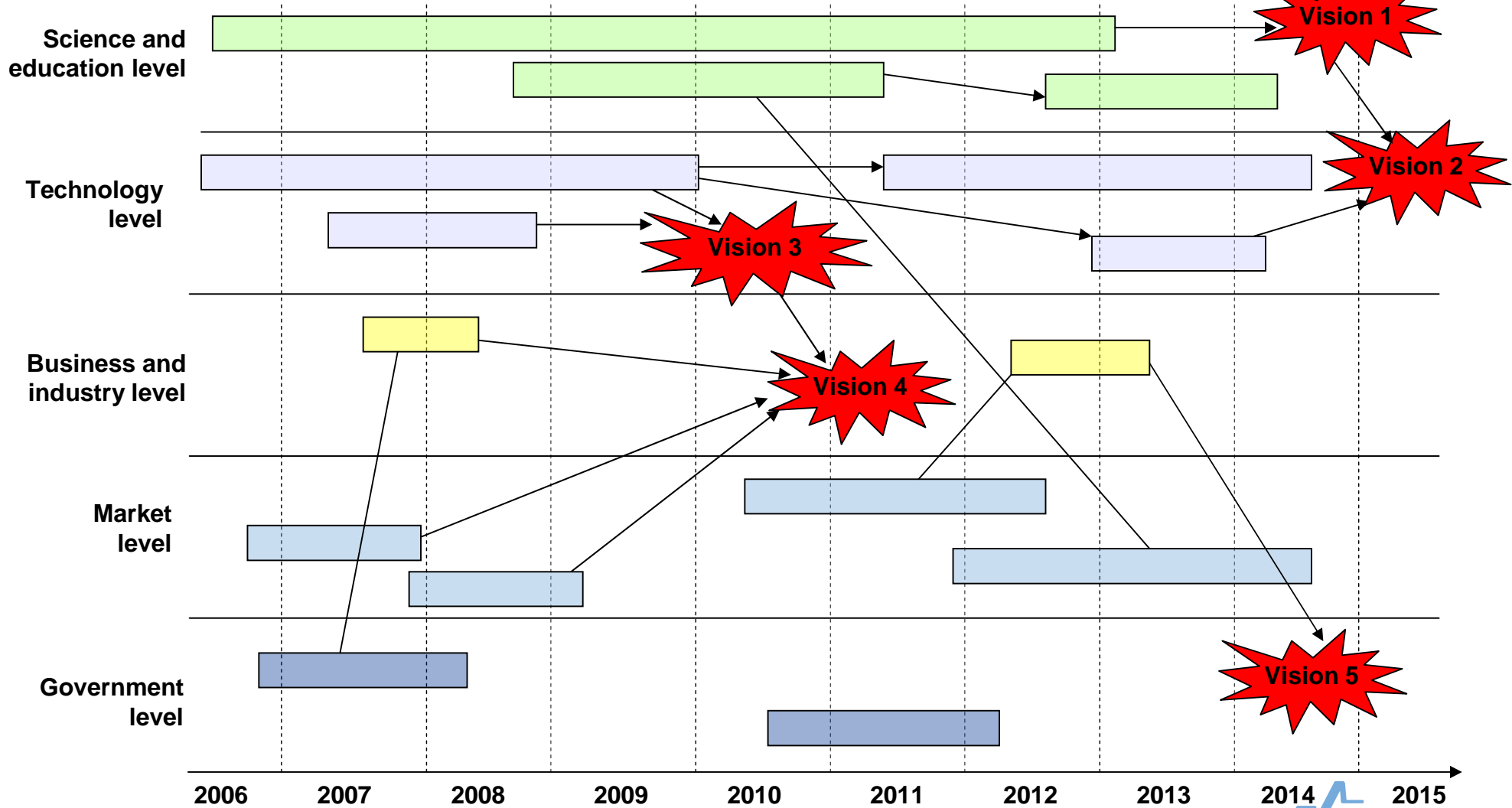
Production economy



Security



Outcome of the roadmap workshop



THANK YOU!

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