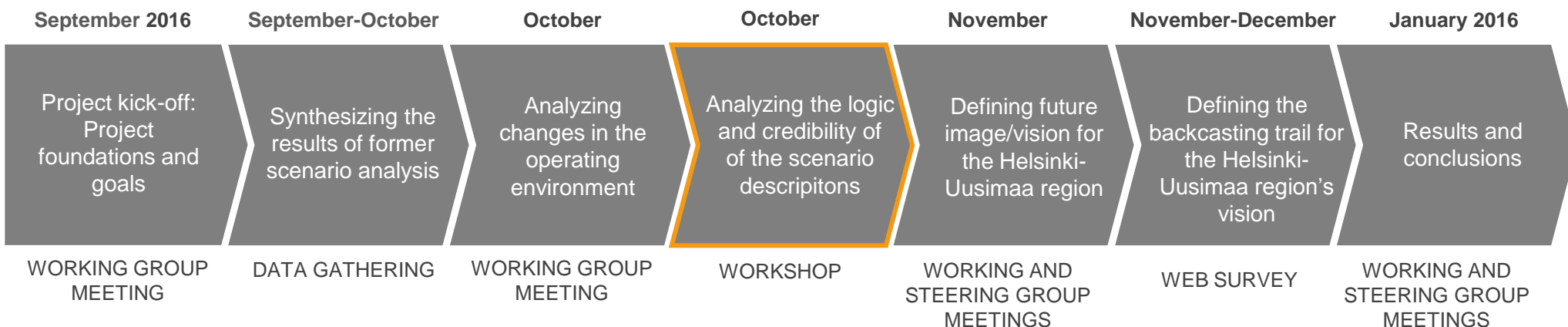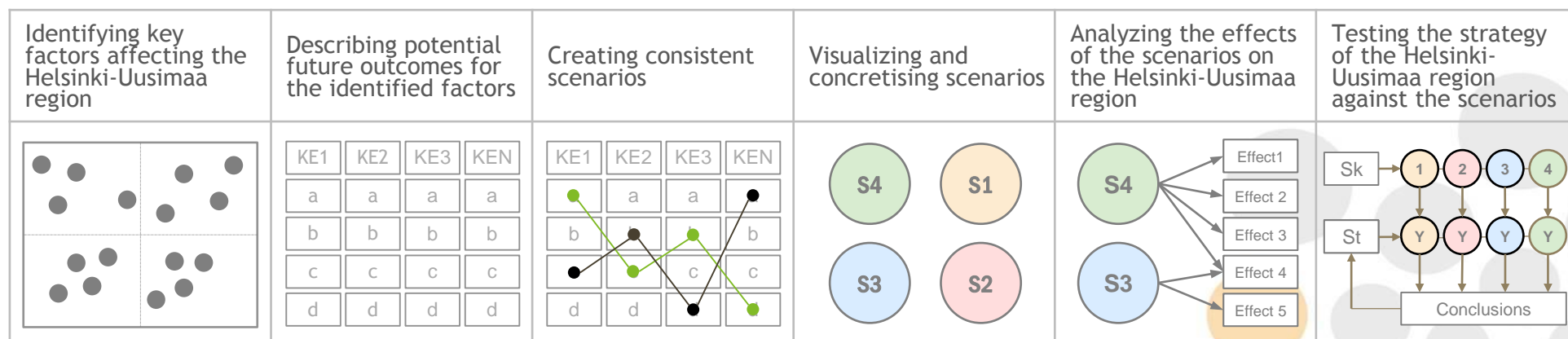# The Future Review of Helsinki-Uusimaa Regional Council as a part of strategic work in the region

20.12.2016, Helsinki

Nette Lehtinen

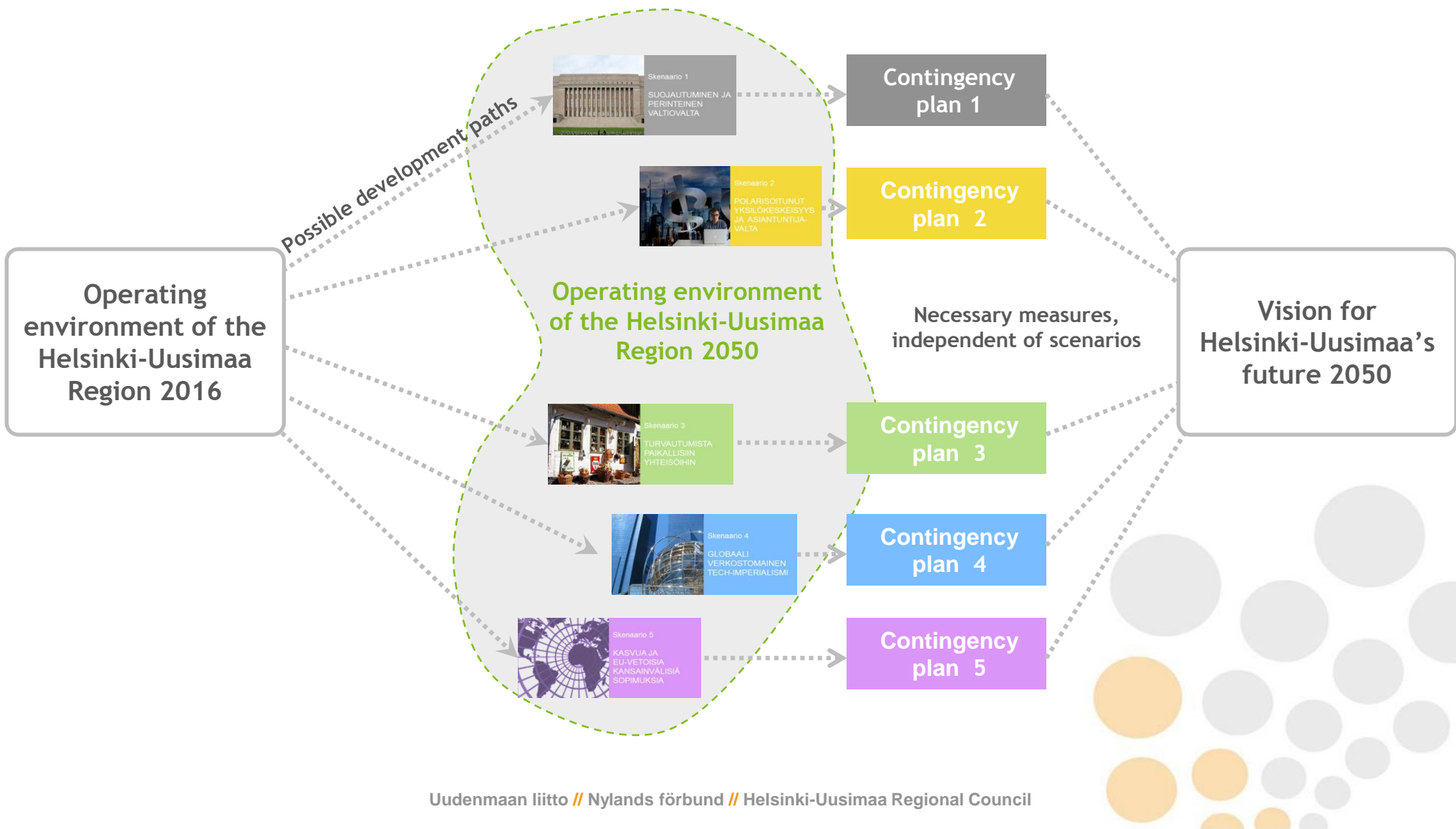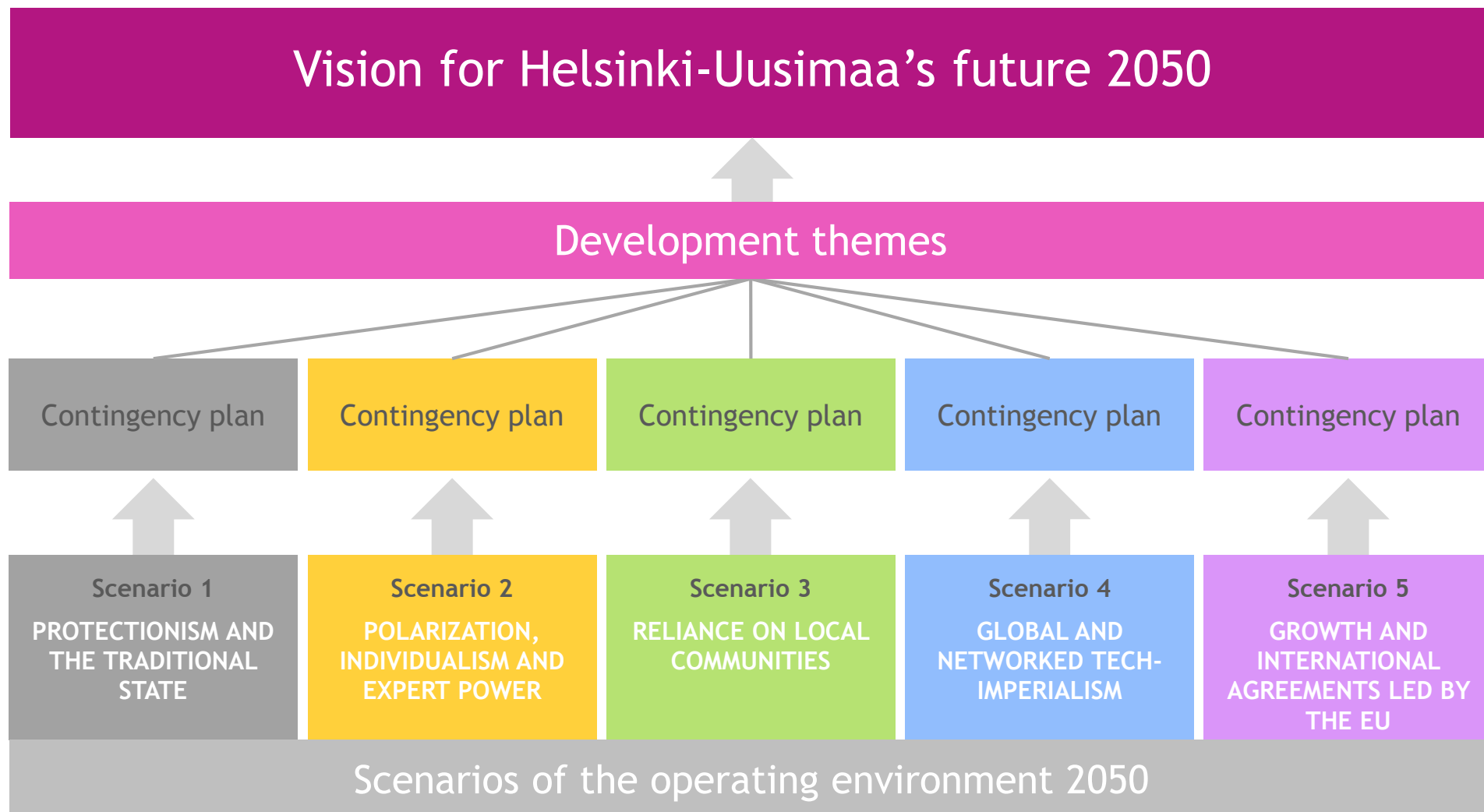# Project plan and schedule

September 2016	September-October	October	October	November	November-December	January 2016
Project kick-off: Project foundations and goals	Synthesizing the results of former scenario analysis	Analyzing changes in the operating environment	Analyzing the logic and credibility of of the scenario descripitons	Defining future image/vision for the Helsinki-Uusimaa region	Defining the backcasting trail for the Helsinki-Uusimaa region's vision	Results and conclusions
WORKING GROUP MEETING	DATA GATHERING	WORKING GROUP MEETING	WORKSHOP	WORKING AND STEERING GROUP MEETINGS	WEB SURVEY	WORKING AND STEERING GROUP MEETINGS

Key phases in the scenario work

Identifying key factors affecting the Helsinki-Uusimaa region	Describing potential future outcomes for the identified factors	Creating consistent scenarios	Visualizing and concretising scenarios	Analyzing the effects of the scenarios on the Helsinki-Uusimaa region	Testing the strategy of the Helsinki-Uusimaa region against the scenarios

The Future Review of Helsinki-Uusimaa Region

Operating environment of the Helsinki-Uusimaa Region 2016

Possible development paths

Skenaario 1
SUOJAUTUMINEN JA PERINTEINEN VALTIOVALTA

Contingency plan 1

Skenaario 2
POLARISOITUNUT YKSILÖKESKEISYYS JA ASIANTUNTIJA-VALTA

Contingency plan 2

Operating environment of the Helsinki-Uusimaa Region 2050

Necessary measures, independent of scenarios

Vision for Helsinki-Uusimaa's future 2050

Skenaario 3
TURVAUTUMISTA PAIKALLISIIN YHTEISÖIHIN

Contingency plan 3

Skenaario 4
GLOBAALI VERKOSTOMAINEN TECH-IMPERIALISMI

Contingency plan 4

Skenaario 5
KASVUA JA EU-VETOISIA KANSAINVÄLISIÄ SOPIMUKSIA

Contingency plan 5

The Future Review of Helsinki-Uusimaa Region

Vision for Helsinki-Uusimaa's future 2050

Development themes

Contingency plan	Contingency plan	Contingency plan	Contingency plan	Contingency plan
Scenario 1 PROTECTIONISM AND THE TRADITIONAL STATE	**Scenario 2** POLARIZATION, INDIVIDUALISM AND EXPERT POWER	**Scenario 3** RELIANCE ON LOCAL COMMUNITIES	**Scenario 4** GLOBAL AND NETWORKED TECH-IMPERIALISM	**Scenario 5** GROWTH AND INTERNATIONAL AGREEMENTS LED BY THE EU

Scenarios of the operating environment 2050

Summary of the Scenarios 2050

SCENARIO 1	SCENARIO 2	SCENARIO 3	SCENARIO 4	SCENARIO 5
PROTECTIONISM AND THE TRADITIONAL STATE	**POLARIZATION, INDIVIDUALISM AND EXPERT POWER**	**RELIANCE ON LOCAL COMMUNITIES**	**GLOBAL AND NETWORKED TECH-IMPERIALISM**	**GROWTH AND INTER-NATIONAL AGREEMENTS LED BY THE EU**

SCENARIO 1 — PROTECTIONISM AND THE TRADITIONAL STATE

- International conflicts and climate change creates massive global migration streams from Africa and Middle-East to Europe.
- Governments role strengthens and protectionism and nationalism rises.
- EU diminishes and its only role is to protect area's outside borders.
- Development of technology faces challenges and slows down.
- Conservatism, family centricity, and religion are highly valued.

SCENARIO 2 — POLARIZATION, INDIVIDUALISM AND EXPERT POWER

- Individual values strengthen: freedom and responsibility create the backbone of politics and behavior.
- Traditional work is replaced by micro-entrepreneurship and platform economy.
- Society divides into highly educated specialist and easily replaceable individuals → polarization
- Everything is produced "as-a-service" – No need to own anything.
- Meritocracy and experts takes over political governments and traditional democracy.

SCENARIO 3 — RELIANCE ON LOCAL COMMUNITIES

- Uncontrollable automatization and crash of the global financial system create vast unemployment.
- Governments' possibility to create public services collapses.
- People resort to local communities, extended family, and networks
- Voluntary sectors' role increases in producing social services.
- Political decision making is done by local communities.
- Livelihood, energy production and food production is dispersed.

SCENARIO 4 — GLOBAL AND NETWORKED TECH-IMPERIALISM

- Virtual society becomes reality.
- Artificial intelligence is considered to be more reliable than human mind.
- Global virtual societies are formed on digital platforms.
- Global giant tech-companies increase their power over national governments.
- Society spreads into people who only buy services and people who only supply services (task-rabbits).
- Global migration directs from Europe to megalopolis situated mainly in highly-developed Asia.
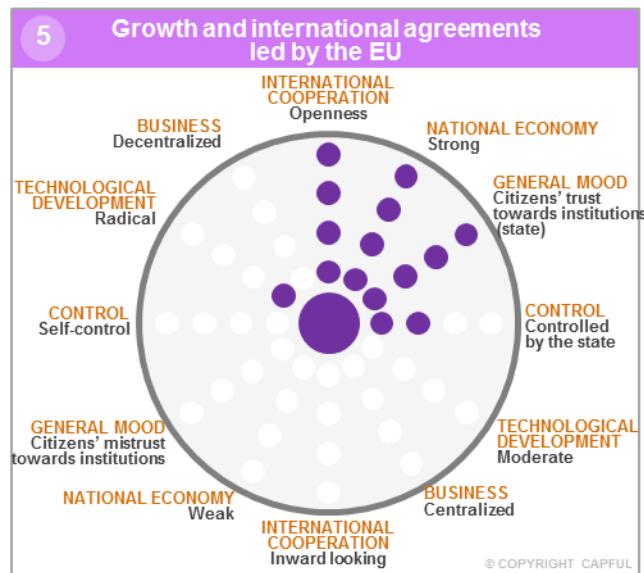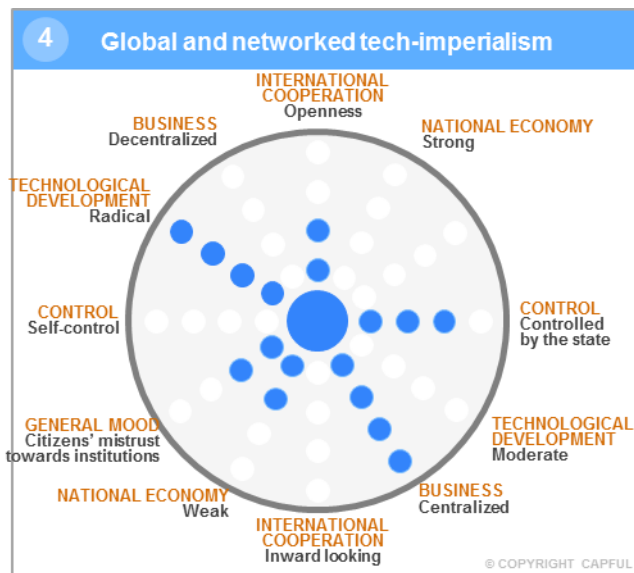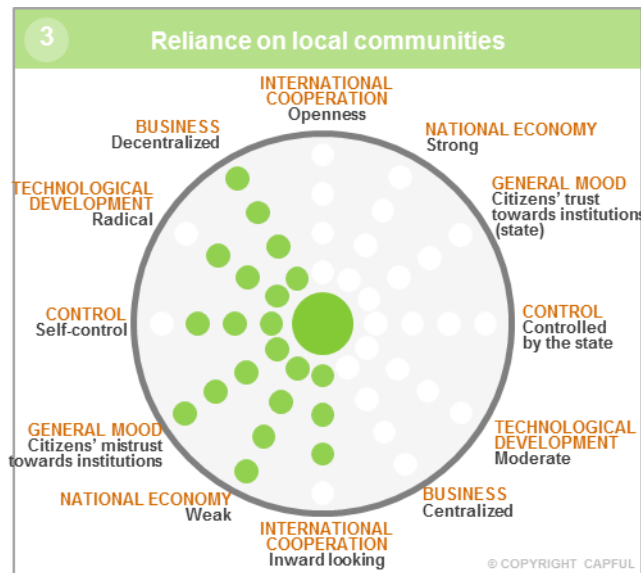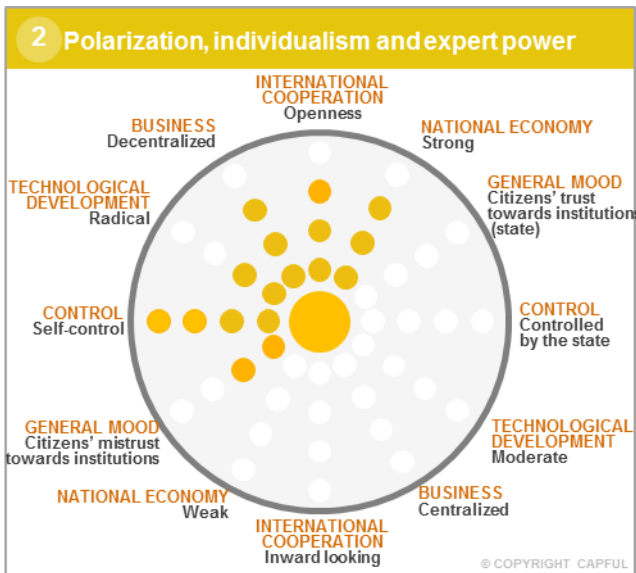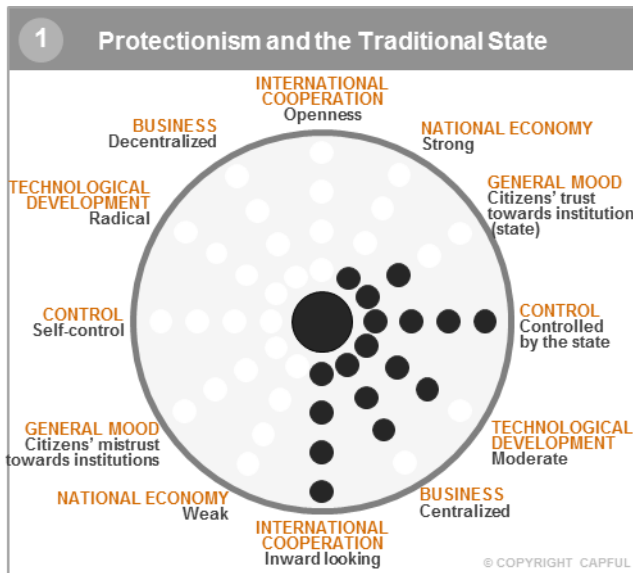
SCENARIO 5 — GROWTH AND INTERNATIONAL AGREEMENTS LED BY THE EU

- International cooperation is considered to be the best way to fight against terrorism, and prevent climate change.
- Massive migration streams rise from polluted and auto-cratic Asia to democratic Europe and USA.
- Welfare-state model expands the public sector and services in many countries.
- EU's role strengthens in the new world order. EU becomes a federation
- Energy revolution: energy production is clean and is almost free for everyone.

Crystallisation of scenarios
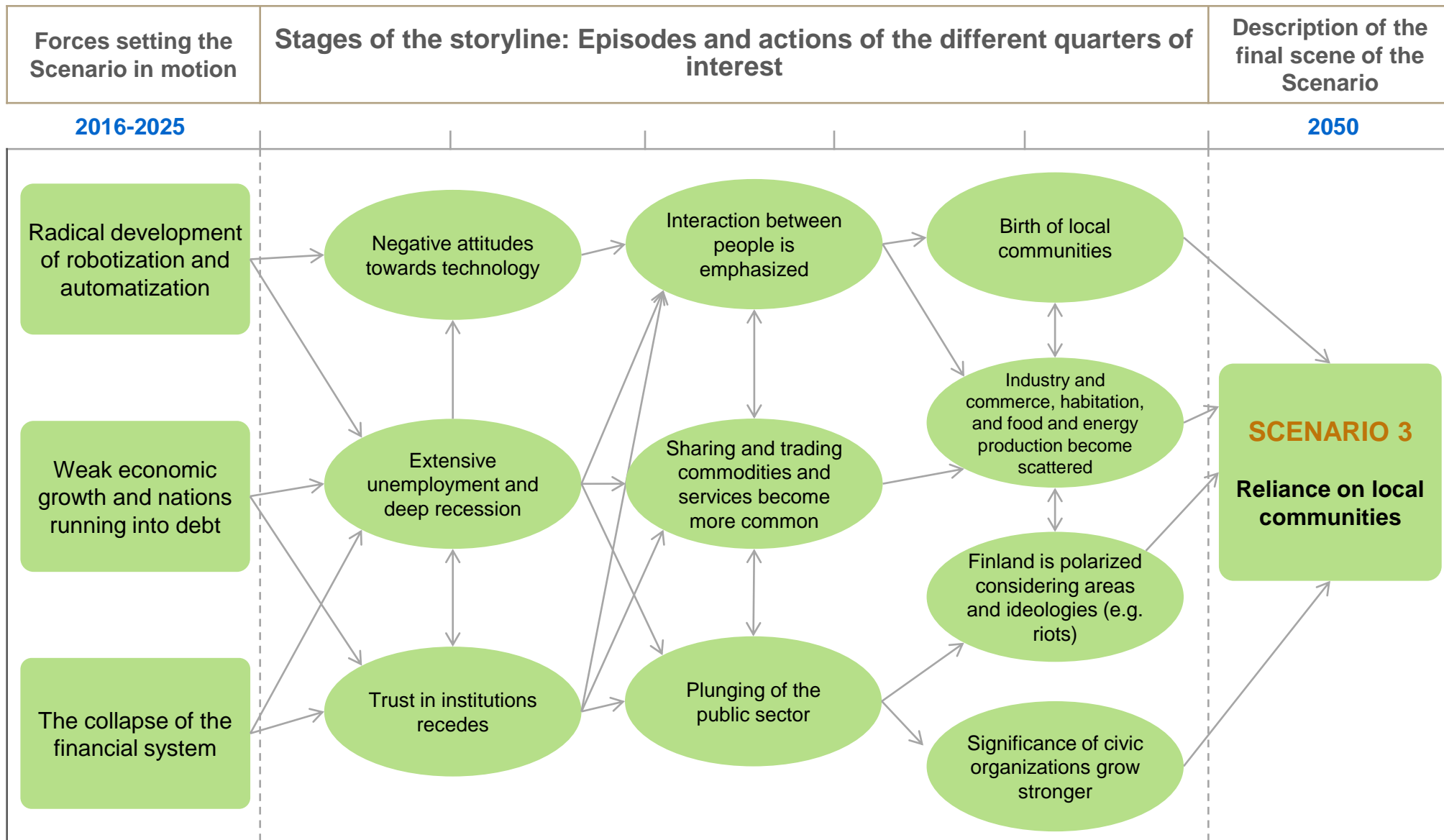

1 Protectionism and the Traditional State

2 Polarization, individualism and expert power

3 Reliance on local communities

4 Global and networked tech-imperialism

5 Growth and international agreements led by the EU

Example of a scenario storyline

Forces setting the Scenario in motion	Stages of the storyline: Episodes and actions of the different quarters of interest	Description of the final scene of the Scenario
2016-2025		**2050**

Radical development of robotization and automatization

Weak economic growth and nations running into debt

The collapse of the financial system

Negative attitudes towards technology

Extensive unemployment and deep recession

Trust in institutions recedes

Interaction between people is emphasized

Sharing and trading commodities and services become more common

Plunging of the public sector

Birth of local communities

Industry and commerce, habitation, and food and energy production become scattered

Finland is polarized considering areas and ideologies (e.g. riots)

Significance of civic organizations grow stronger

SCENARIO 3

Reliance on local communities

Example of the contingency plans

SCENARIO 1	SCENARIO 2	SCENARIO 3	SCENARIO 4	SCENARIO 5
PROTECTIONISM AND THE TRADITIONAL STATE	**POLARIZATION, INDIVIDUALISM AND EXPERT POWER**	**RELIANCE ON LOCAL COMMUNITIES**	**GLOBAL AND NETWORKED TECH-IMPERIALISM**	**GROWTH AND INTER-NATIONAL AGREEMENTS LED BY THE EU**

SCENARIO 1
- Supporting domestic industries, production and circular economy
- Preparing for disorder and developing security of supply
- Reinforcing trade with Russia and utilizing this trade
- Constructing lasting structures for integrating the immigrants

SCENARIO 2
- Specialization in the top research and education
- Supporting multiform working
- Preventing inequality
- Acknowledging individuality in planning and construction, traffic planning and services

SCENARIO 3
- Developing the economic and working life of communities
- Reinforcing civic activity and the 3rd sector
- Improving the community structure for responding to the needs of communal residence
- Corresponding to the decentralized small-scale energy production

SCENARIO 4
- Maximal capitalization of technology + advanced analytics
- Securing data and reliable information, and their distribution for Finnish organizations
- Attracting global companies and professionals to region
- Preparing for concentration of population

SCENARIO 5
- Augmenting EU-relations and international networks
- Creating international atmosphere and governing immigration
- Investing in energy and cleantech technology
- Enhancing the accessibility of Uusimaa-region

PROTECTIONISM AND THE TRADITIONAL STATE	POLARIZATION, INDIVIDUALISM AND EXPERT POWER	RELIANCE ON LOCAL COMMUNITIES	GLOBAL AND NETWORKED TECH-IMPERIALISM	GROWTH AND INTERNATIONAL AGREEMENTS LED BY THE EU

NEW PARTNERSHIP AND OPERATION MODELS

- Functional processes and tendering and contract models for enabling providing private produced public utilities while ensuring sufficient public production capacity for securing continuity
- Support for integrating the operations and structures of the society

TECHNOLOGY FOR THE PEOPLE

- Technological development supports the needs of the people and not the other way round
- People have adequate capabilities for capitalizing new technologies
- Instead of investing in matter, investments are directed at courses of action, and new operation models are created

PROTECTIONISM AND THE TRADITIONAL STATE	POLARIZATION, INDIVIDUALISM AND EXPERT POWER	RELIANCE ON LOCAL COMMUNITIES	GLOBAL AND NETWORKED TECH-IMPERIALISM	GROWTH AND INTERNATIONAL AGREEMENTS LED BY THE EU

DIVERSE ENVIRONMENT AND REACTING TO THE CLIMATE CHANGE

- Preparedness for extreme weather, global warming and rising sea level

- Protecting the diversity of the nature and the ecosystem services

- Promoting energy savings, energy efficiency and producing emission-free energy

BUSINESSES PRODUCING GOOD AND NEW WORK- Business as unusual!

- Supporting new service concepts, business models and technologies that are in accordance with sustainable development

- Underlining the business proficiency on circular economy

PROTECTIONISM AND THE TRADITIONAL STATE	POLARIZATION, INDIVIDUALISM AND EXPERT POWER	RELIANCE ON LOCAL COMMUNITIES	GLOBAL AND NETWORKED TECH-IMPERIALISM	GROWTH AND INTERNATIONAL AGREEMENTS LED BY THE EU

WELL-BEING IN THE RUPTURE OF WORK AND TECHNOLOGY

- Preventing inequality and polarization of the society

- Possibilities for constructing alternative forms of work and purposeful performing

- Advancing origination of new professions

- Strengthening lifelong learning and the individuals' abilities to transform, multitask and lead oneself.

The Future Review of Helsinki-Uusimaa Region

(Political) decision making

Operating environment

(future scenarios)

Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5

Vision for Helsinki-Uusimaa's future 2050

Helsinki-Uusimaa regional programme

Development themes rising from the operating environment

1. New partnerships and operation models
2. Technology for the people
3. Diverse environment, reacting and preventing the climate change
4. Businesses producing good and new work – business as unusual
5. Well-being in the rupture of work and technology

Development themes rising from internal factors

Helsinki-Uusimaa region 2016

(present state)

Implementation