Stakeholders Consultation

PA02 – "RESEARCH"

February – March 2017

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Oslo
March 8th, 2017

Scope: Focus the interest on specific key topics and identify risks & challenges

Thematic Areas

- **ENERGY**
- **ENVIRONMENT**
- **HEALTH**
- **SOCIAL SCIENCES AND HUMANITIES**
- **ICT**
- **BIOTEHNOLOGY**

Thematic Areas MoUs EEA Grants, Norway Grants

Romania's Smart specializations + national priorities

4 Consultation Events

Participants

- Business
- Research institutes
- Universities

- Total no. **218** (in panels)

- +Video streaming:
  Bucharest: 47 users (Norway, Romania, Belgium, Slovenia)
  Iasi: 23 users (Norway, Romania, Belgium)

Session 1: Bucharest, February 21th

68 Participants

Session 2: Iasi, February 24th

51 participants

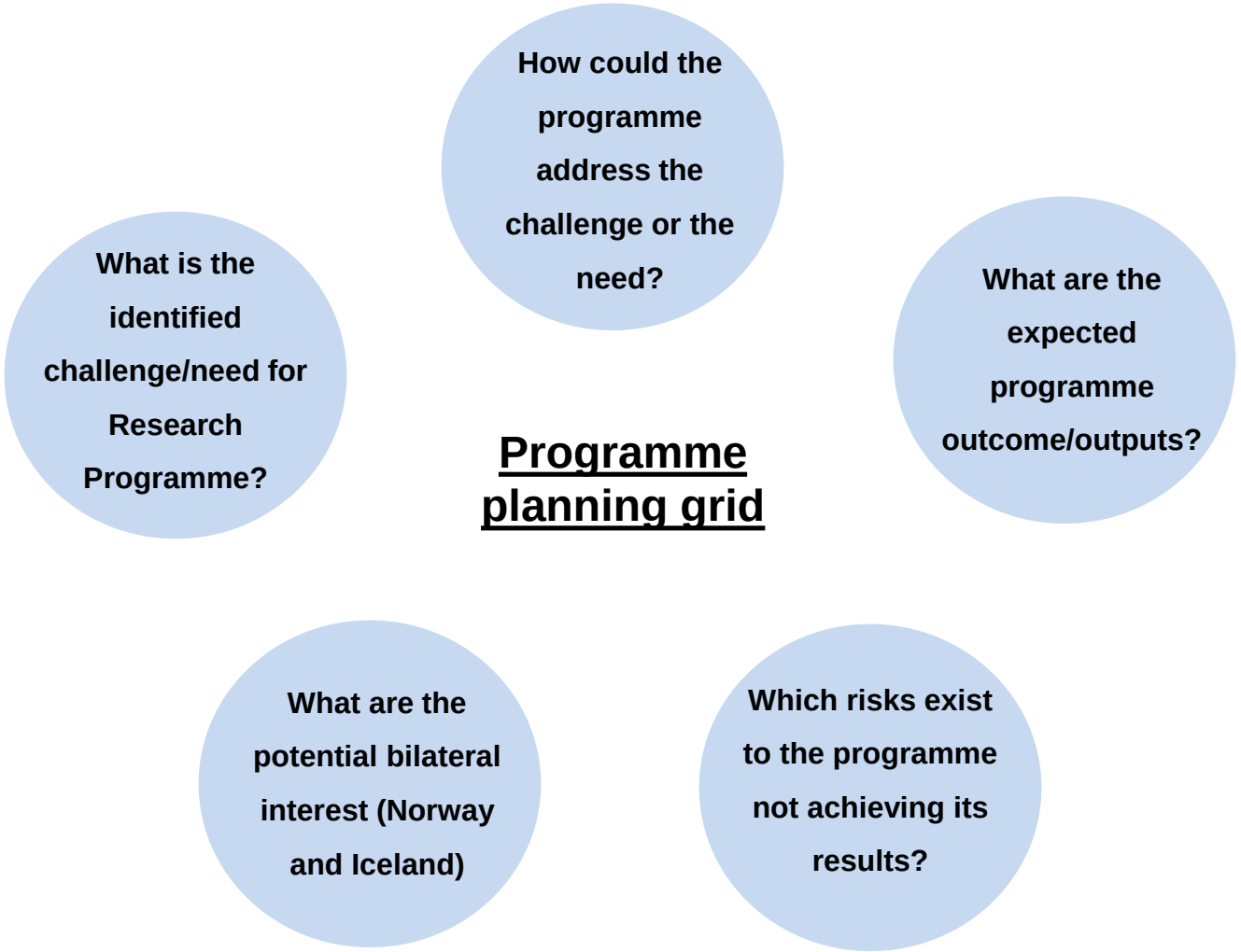
Session 3: Cluj-Napoca, February 28th

52 participants

Session 4: Timisoara, March 2nd

47 participants

Consultation Process – Risks & challenges



Consultation Process – Prioritization of key topics

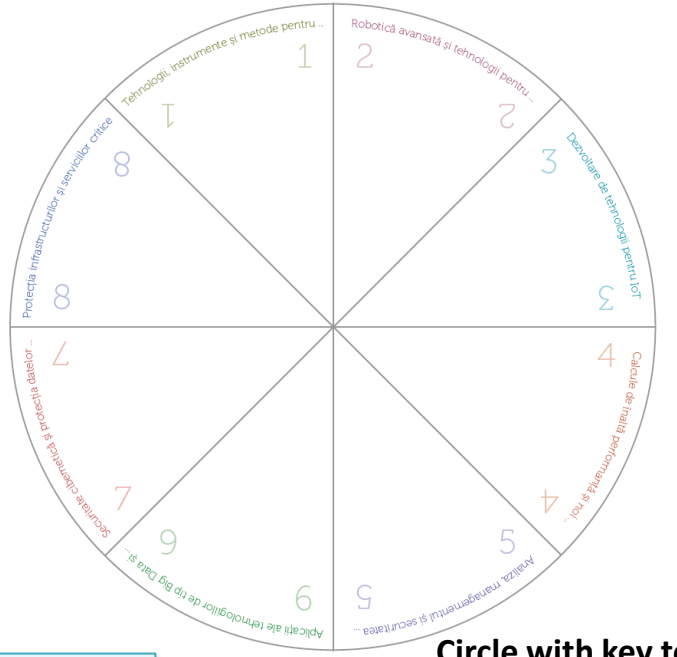
Thematic tables 8-10 participants

Process facilitator at each table

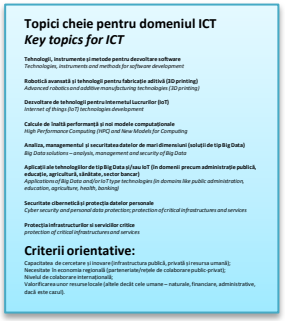
Dots

Post-its for arguments

- Individual level
- Aggregated – group arguments



Circle with key topics



Topici cheie pentru domeniul ICT
Key topics for ICT

Tehnologii, instrumente și metode pentru dezvoltare software
Technologies, instruments and methods for software development

Robotică avansată și tehnologii pentru fabricație aditivă (3D printing)
Advanced robotics and additive manufacturing technologies (3D printing)

Dezvoltare de tehnologii pentru internetul lucrurilor (IoT)
Internet of things (IoT) technologies development

Calcule de înaltă performanță și noi modele computaționale
High Performance Computing (HPC) and New Models for Computing

Analiza, managementul și securitatea datelor de mari dimensiuni (soluții de tip Big Data)
Big Data solutions – analysis, management and security of Big Data

Aplicații ale tehnologiilor de tip Big Data și/sau IoT (în domenii precum administrație publică, educație, agricultură, sănătate, sector bancar)
Applications of Big Data and/or IoT type technologies (in domains like public administration, education, agriculture, health, banking)

Securitate cibernetică și protecția datelor personale
Cyber security and personal data protection; protection of critical infrastructures and services

Protecția infrastructurilor și serviciilor critice
protection of critical infrastructures and services

Criterii orientative:

Capacitatea de cercetare și inovare (infrastructura publică, privată și resursa umană);
Necesitate în economia regională (parteneriate/rețele de colaborare public-privat);
Nivelul de colaborare internațională;
Valorificarea unor resurse locale (altele decât cele umane – naturale, financiare, administrative, dacă este cazul).

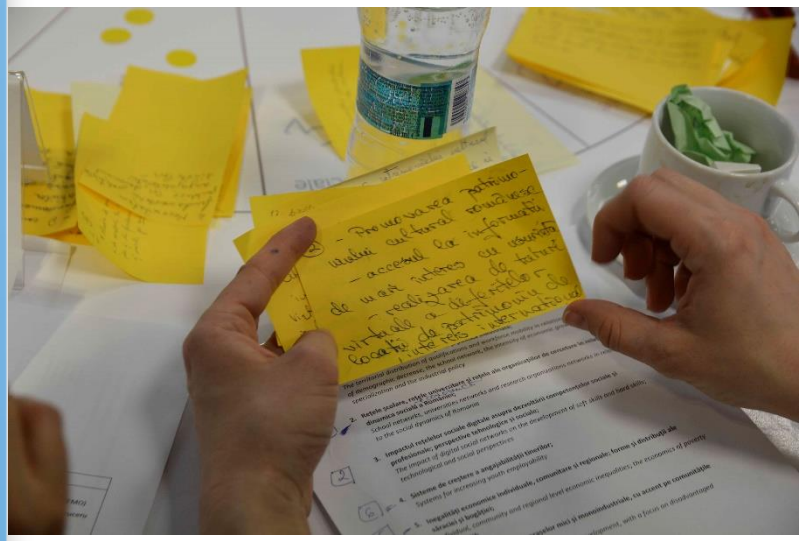
List of key topics and criteria for argumentation

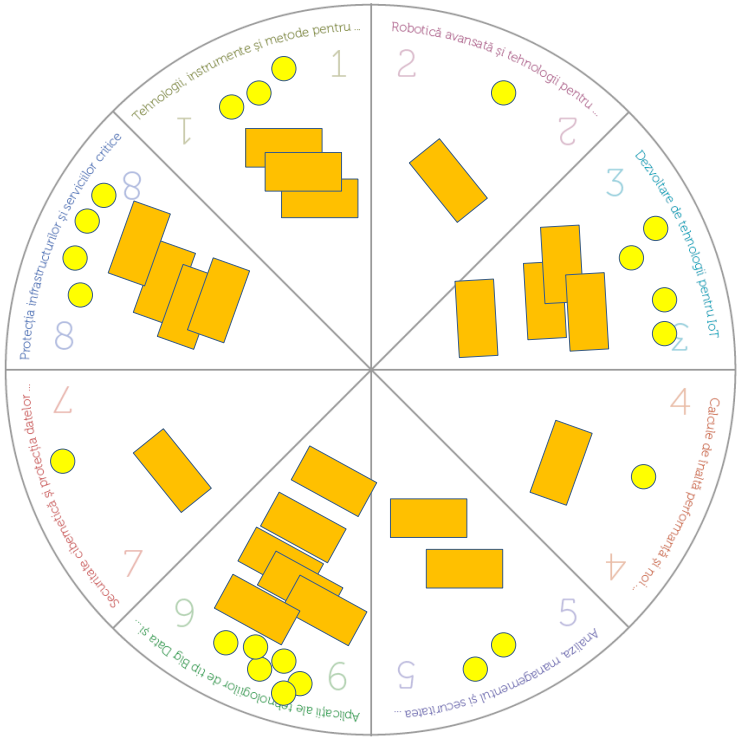
Step I. Individual selection

I.1) Key topics selection + argumentation

Using ● and Text text text text

"Joker" post-it for new disruptive ideas

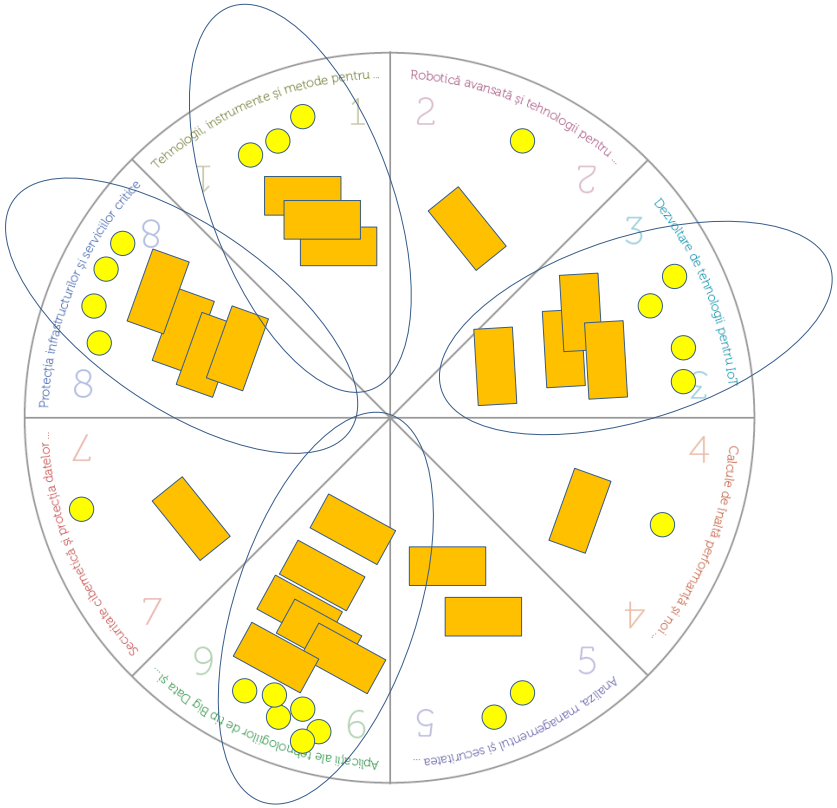




Step I. Individual Selection

I.2) **Result**

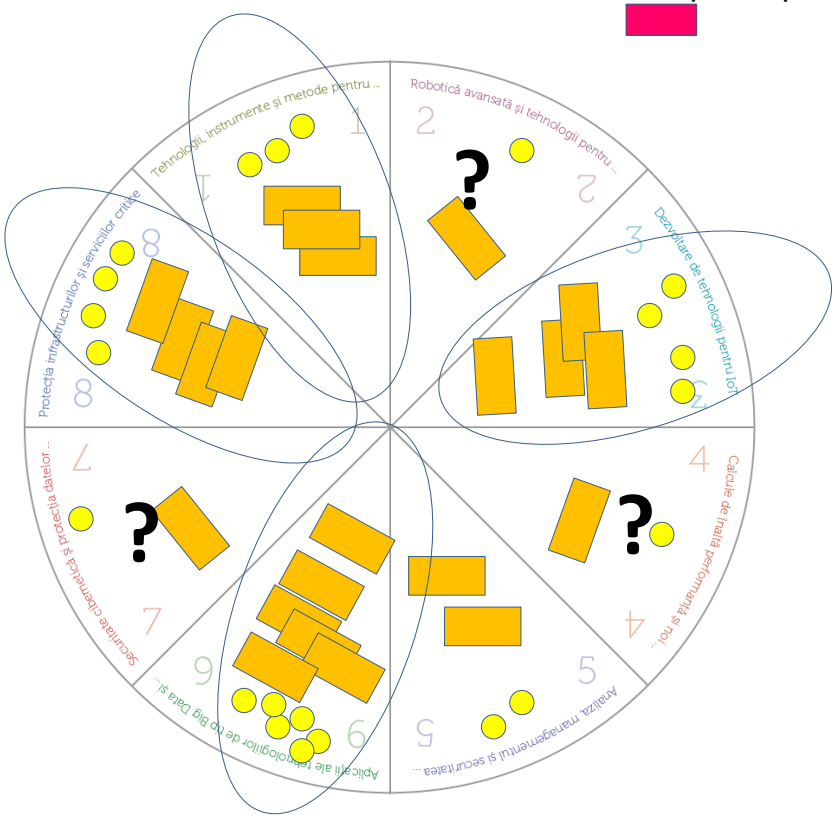
a first focus of interest



Step II. Group Discussions

II.1) Discutions starting from the first “prioritization” (1h)

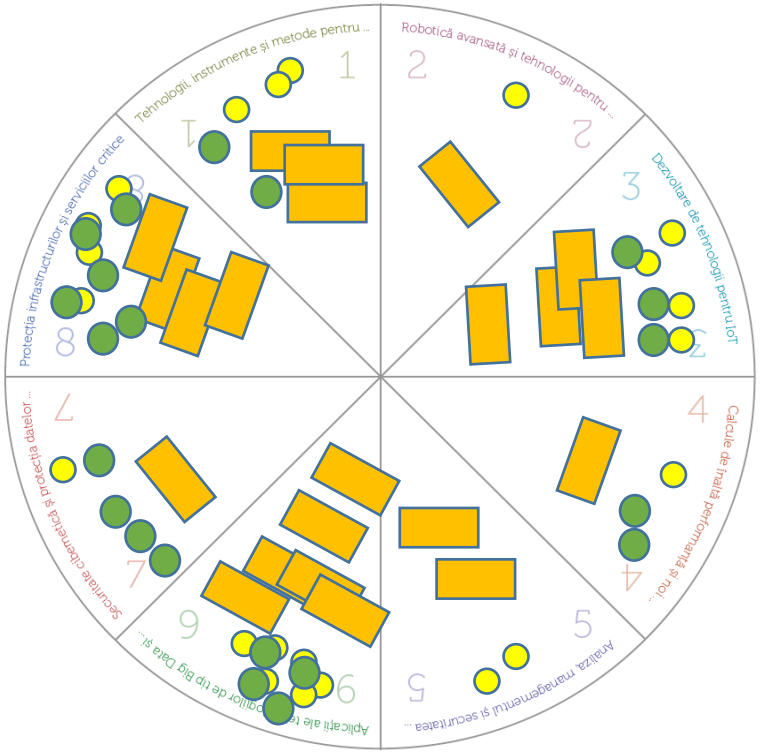
New disrutipve topic?



Step II'. Final voting

II.3) A new round of voting

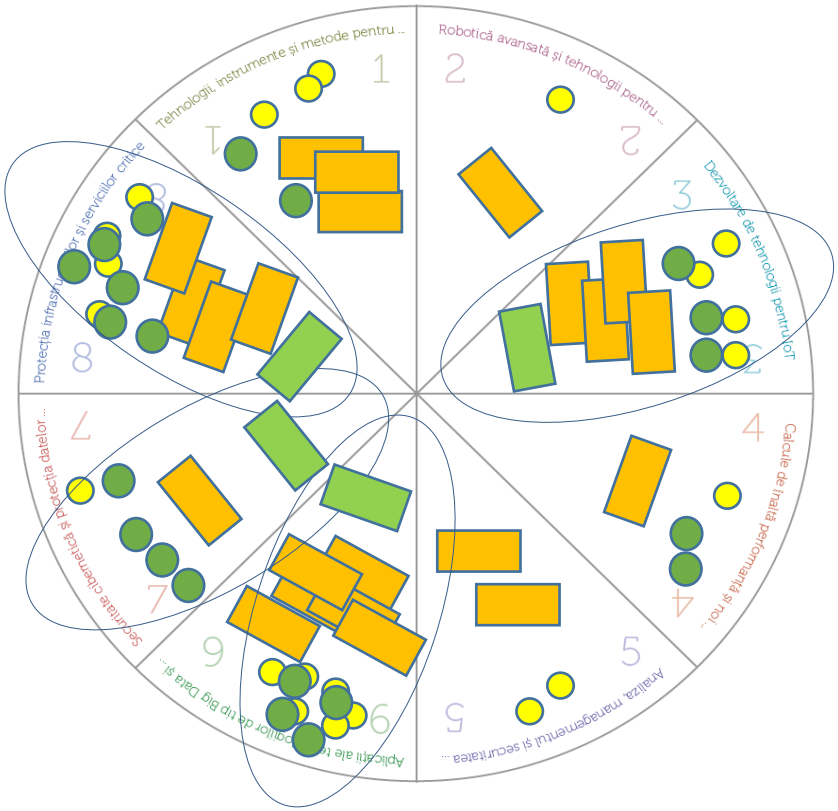
Final voting



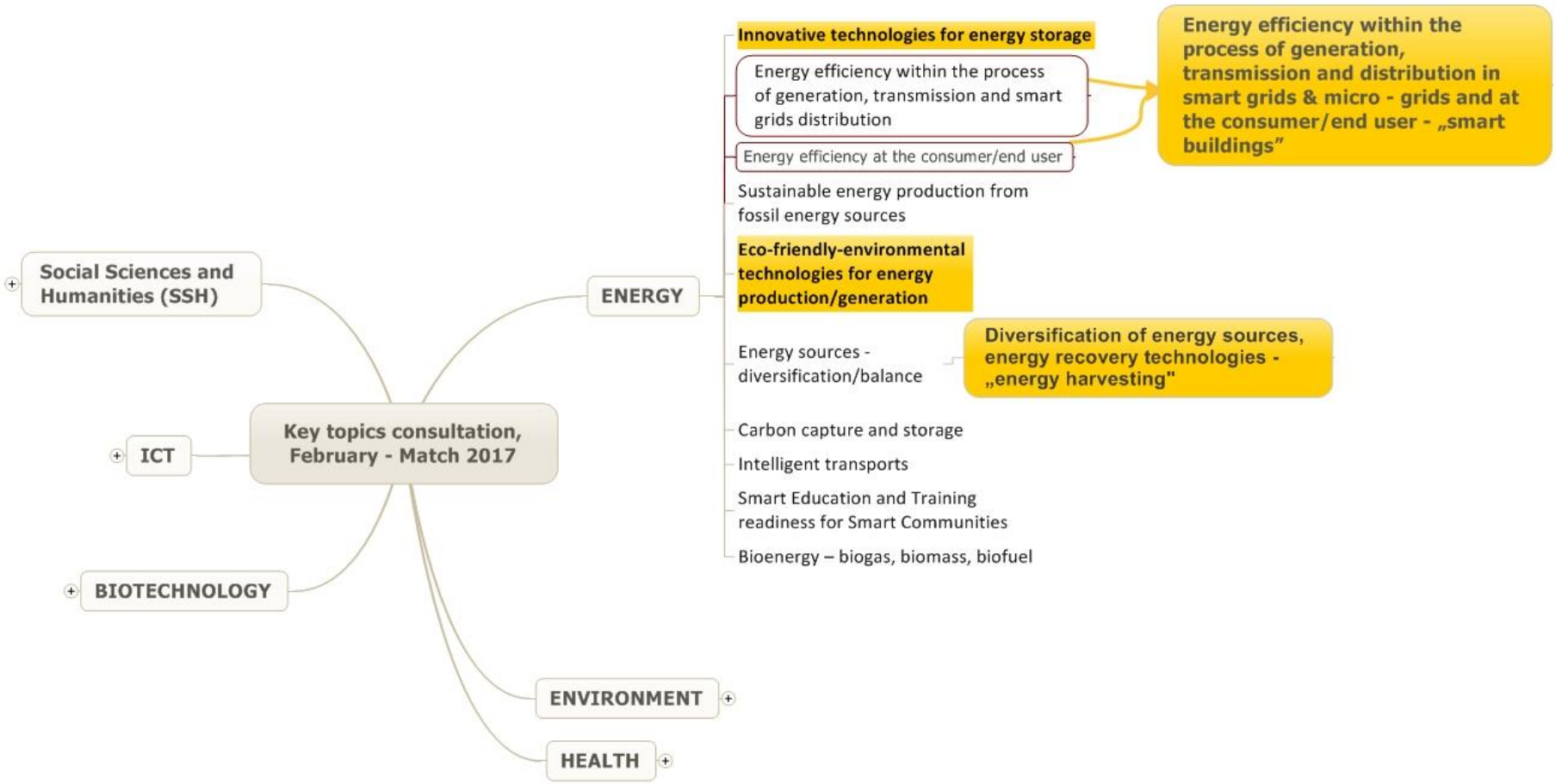
Step III. Presentations of results

II.4) Presentations of the final prioritization

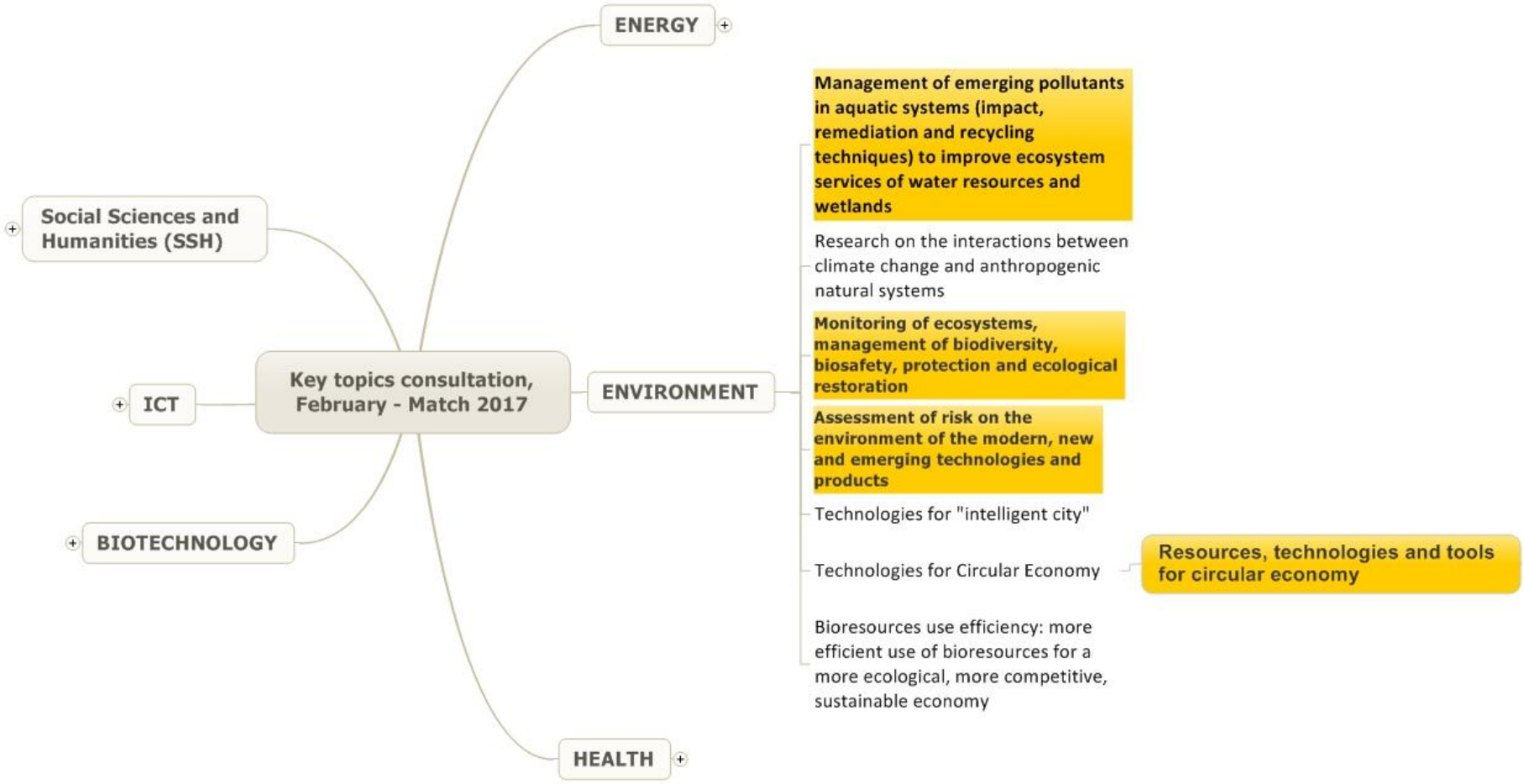
- Aggregated arguments
- Risks and challenges



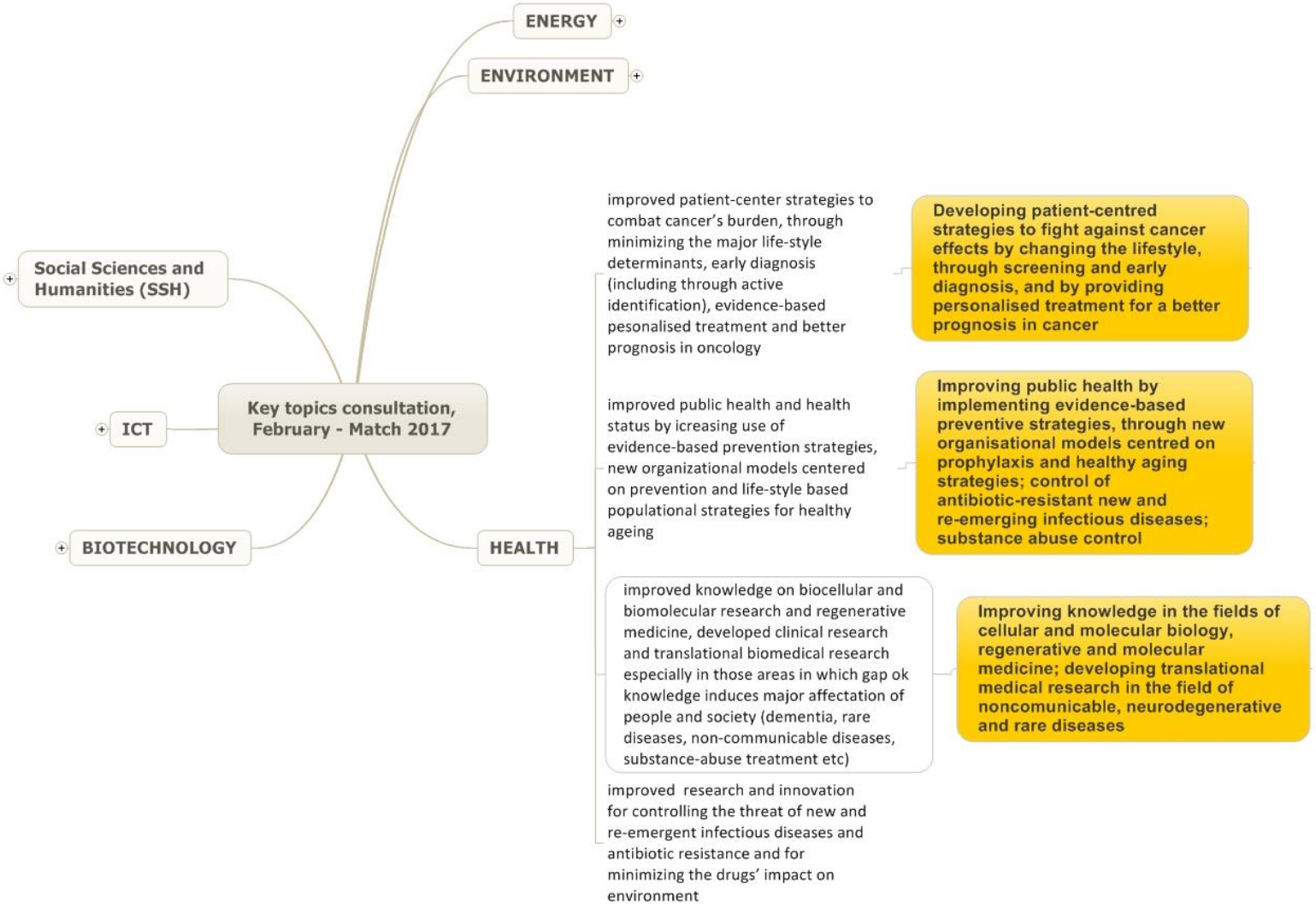
RESULTS - ENERGY



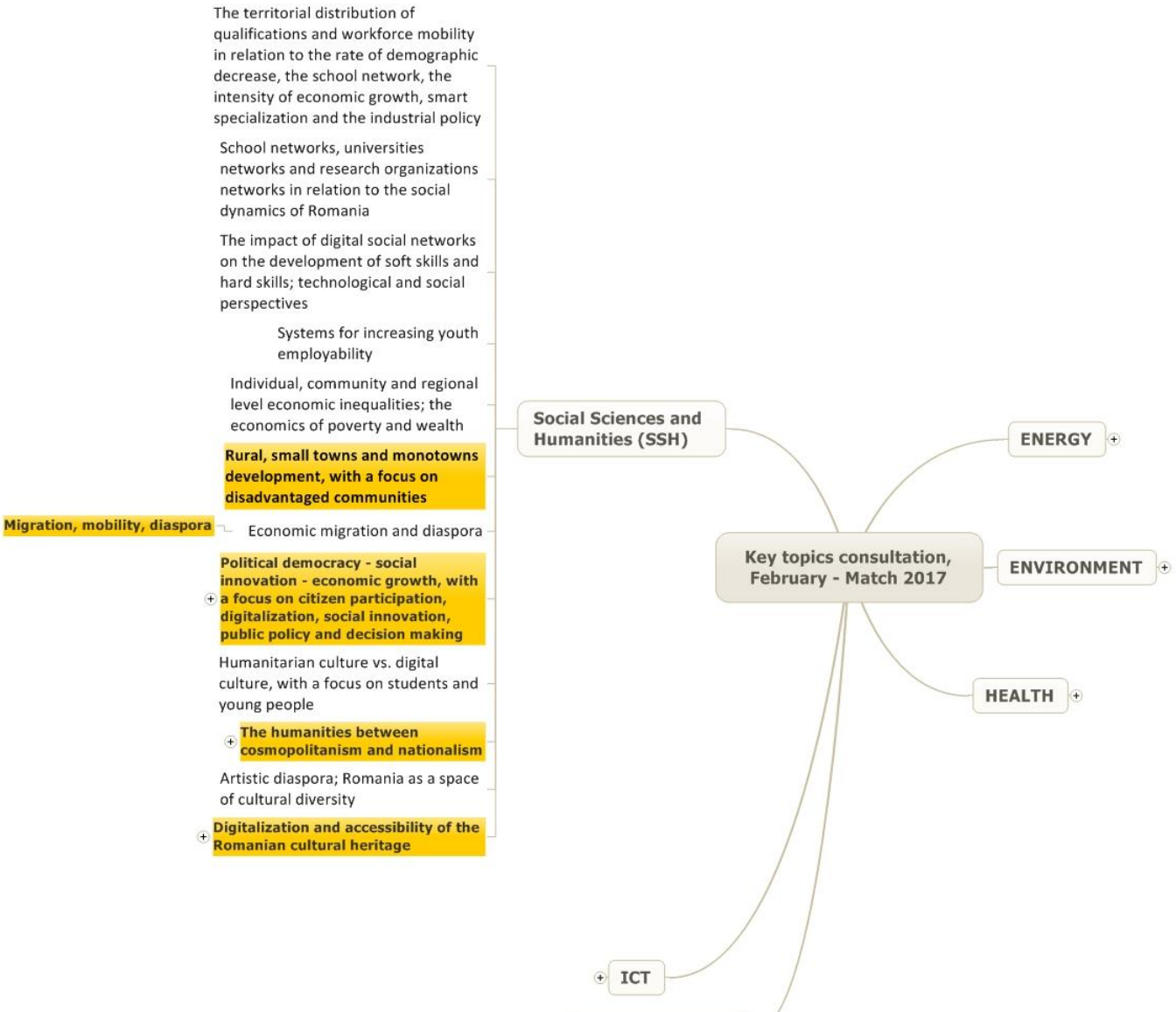
RESULTS - ENVIRONMENT



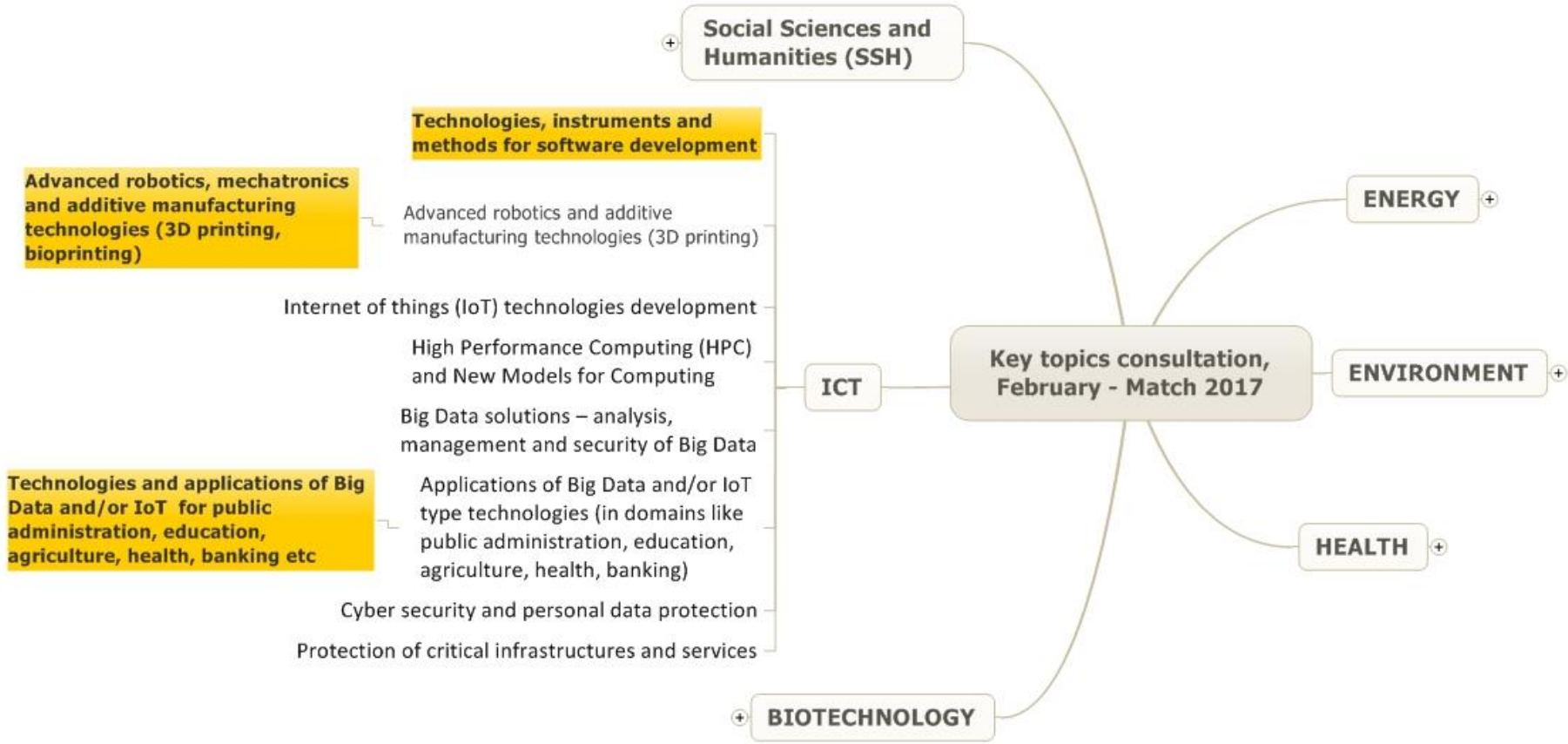
RESULTS
HEALTH



RESULTS
SSH


Key topics consultation, February - Match 2017
Social Sciences and Humanities (SSH)
The territorial distribution of qualifications and workforce mobility in relation to the rate of demographic decrease, the school network, the intensity of economic growth, smart specialization and the industrial policy
School networks, universities networks and research organizations networks in relation to the social dynamics of Romania
The impact of digital social networks on the development of soft skills and hard skills; technological and social perspectives
Systems for increasing youth employability
Individual, community and regional level economic inequalities; the economics of poverty and wealth
Rural, small towns and monotowns development, with a focus on disadvantaged communities
Migration, mobility, diaspora
Economic migration and diaspora
Political democracy - social innovation - economic growth, with a focus on citizen participation, digitalization, social innovation, public policy and decision making
Humanitarian culture vs. digital culture, with a focus on students and young people
The humanities between cosmopolitanism and nationalism
Artistic diaspora; Romania as a space of cultural diversity
Digitalization and accessibility of the Romanian cultural heritage
ENERGY
ENVIRONMENT
HEALTH
ICT

RESULTS - ICT


Key topics consultation, February - Match 2017
Social Sciences and Humanities (SSH)
ENERGY
ENVIRONMENT
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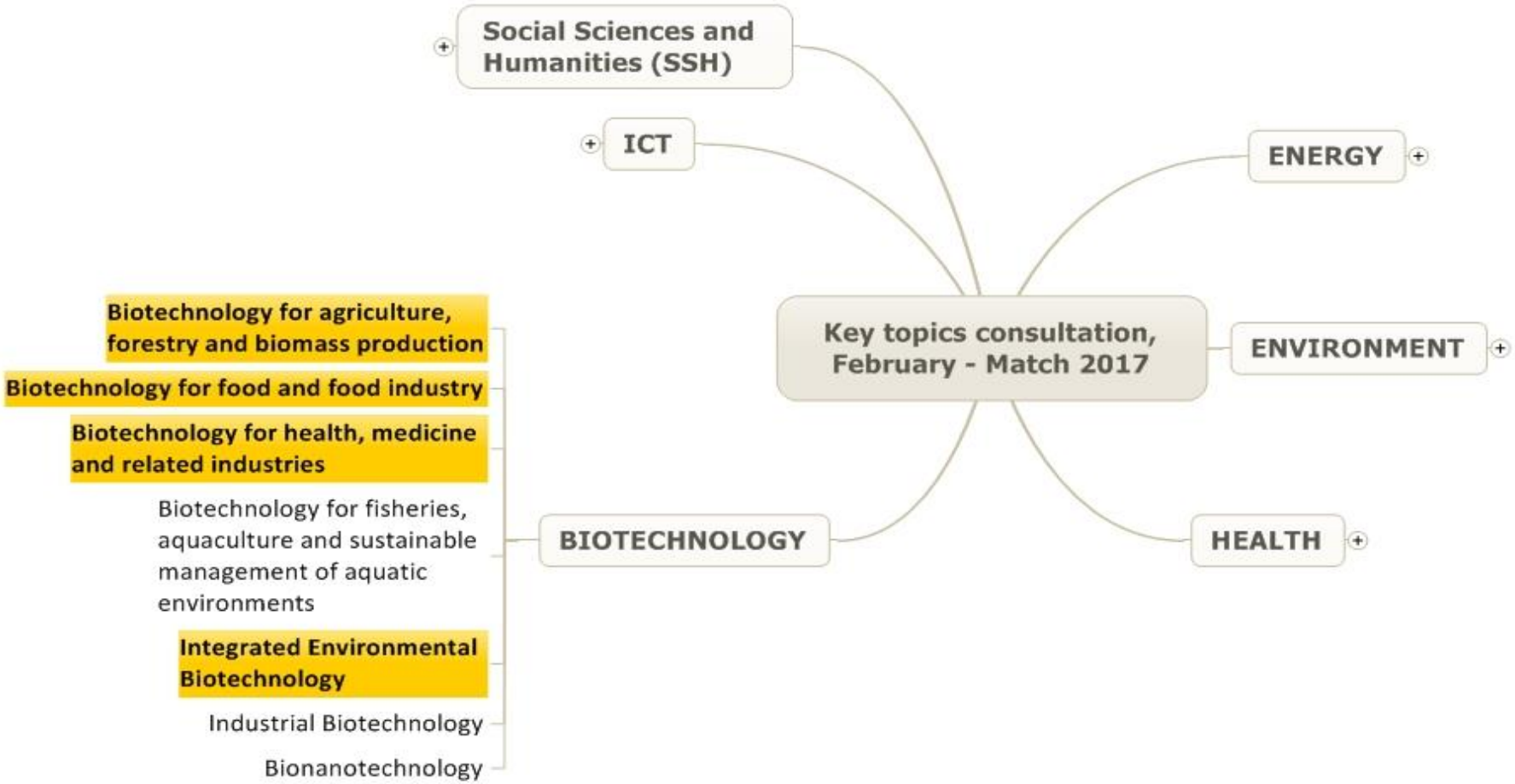
BIOTECHNOLOGY
ICT
Technologies, instruments and methods for software development
Advanced robotics, mechatronics and additive manufacturing technologies (3D printing, bioprinting)
Advanced robotics and additive manufacturing technologies (3D printing)
Internet of things (IoT) technologies development
High Performance Computing (HPC) and New Models for Computing
Big Data solutions – analysis, management and security of Big Data
Technologies and applications of Big Data and/or IoT for public administration, education, agriculture, health, banking etc
Applications of Big Data and/or IoT type technologies (in domains like public administration, education, agriculture, health, banking)
Cyber security and personal data protection
Protection of critical infrastructures and services

RESULTS - BIOTECHNOLOGY



Thank you