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CIVISTI Policy Workshop

Presentation of results

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Results part 1 – Citizens visions

- 69 visions for Europe – made by 164 citizens in 7 EU countries
- Vision characteristics
 - Holistic
 - Multi thematic
 - Interdisciplinary
- “...A characteristic of many of the visions is that they are connected to current discourses: protection of the natural environment, strengthening of a European identity, the use of ICT in government services and every-day life, etc....”

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Results part 1 – topics in citizens visions

- 1. Ageing
- 2. Agrifood technologies, organic production
- 3. Animals and ecosystems
- 4. Citizens' role and democracy
- 5. Climate and global warming
- 6. Creativity and innovation
- 7. Demography
- 8. Developing countries
- 9. Disasters (natural and technological)
- 10. Education and learning
- 11. Employment and new modes of work
- 12. Energy
- 13. Environmental awareness
- 14. Equality - gender, minorities, disabled, ethnic
- 15. Family values
- 16. Genetics
- 17. Healthcare and medical services
- 18. ICT, automation and artificial intelligence
- 19. Identity (national and EU)
- 20. Infrastructure and urban design
- 21. Legislation
- 22. Linguistic technologies
- 23. Local and regional development
- 24. Multi-cultural and multi-lingual society
- 25. Pension policy
- 26. Quality of life and life style
- 27. R&D policy
- 28. Reducing bureaucracy
- 29. Religion
- 30. Role of media
- 31. Smart materials
- 32. Social care and services
- 33. Space technology
- 34. Transport
- 35. War and peace
- 36. Waste management
- 37. Water management

Results part 1 – most frequent topics

- Healthcare and medical services
- Education and learning
- ICT, automation and artificial intelligence
- Legislation
- Quality of life and life style
- Employment and new modes of work
- Energy

Results part 2 - recommendations

- Recommendations developed by a group of 18 experts and stakeholders
- More than 100 short recommendations
- 30 recommendations selected and developed further to the final list of recommendations

Results part 2 - recommendations

- About 1/3 policies and 2/3 research issues / agendas
- A lot of diversity in the recommendations
- Many recommendations relate to some of today's grand challenges: Ageing society; Sustainable energy production and transport; environment and climate; supply and quality of water and food
- Focus on democracy and citizen participation
- Blue sky issues: E.g. Avatars; worldwide space research; immigrants and refugees appreciation; human machine interface



Citizens Priorities

1. Attractive public transportation (Rec nr. 18)
2. Decentralised energy (Rec nr. 5)
3. Re-appropriate countryside (Rec nr. 24)
4. Tools for disabled people (Rec nr. 2)
4. European eco-cities (Rec nr. 9)
6. Social innovation for ageing society (Rec nr. 17)
7. Direct democracy through e-voting (Rec nr. 12)
8. Develop effective urban infrastructure (Rec nr. 26)
9. Policies towards immigrants and refugees (Rec nr. 21)
10. Dignity in the dying process (Rec nr. 1)
10. Plants for extreme weather (Rec nr. 20)



Citizens Priorities (country adjusted)

1.	Decentralised energy	5	-	18
2.	Attractive public transportation	18	-	5
3.	European eco-cities	9	-	24
4.	Re-appropriate countryside	24	-	2
5.	Tools for disabled people	2	-	9
6.	Direct democracy through e-voting	12	-	17
7.	Social innovation for ageing society	17	-	12
8.	Plants for extreme weather	20	-	26
8.	Policies towards immigrants and refugees	21	-	21
10.	Dignity in the dying process	1	-	1
10.	Develop effective urban infrastructure	26	-	20

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Experts evaluation

<p>Most innovative</p> <ul style="list-style-type: none"> ♦ research on human sensory capabilities (7) 4.1 ♦ personal presence through avatars (19) 4 ♦ recognitions policy (13) 3.9 ♦ ethics of “bionic” production (8) 3.8 ♦ attractive public transport (18) 3.8 ♦ global space technology (28) 3.7 ♦ organic CAP (10) 3.6 ♦ innovations in participation (16) 3.6 ♦ platform for future of work research (6) 3.5 ♦ Sofia as an eco-Model (14) 3.5 	<p>Most important</p> <ul style="list-style-type: none"> ♦ piloting dense eco-cities (9) 4.7 ♦ foresight on decentralized energy (5) 4.6 ♦ recycling complex materials (11) 4.3 ♦ innovations in participation (16) 4.3 ♦ attractive public transport (18) 4.3 ♦ refugee appreciation policies (21) 4.3 ♦ biorefineries (22) 4.3 ♦ research on global governance (29) 4.3 ♦ tools for disabled (2) 4.2 ♦ social innovations and aging (17) 4.2
<p>Most timely</p> <ul style="list-style-type: none"> ♦ innovations in participation (16) 4.7 ♦ recycling complex materials (11) 4.6 ♦ attractive public transport (18) 4.5 ♦ social innovations and aging (17) 4.4 ♦ tools for disabled (2) 4.3 ♦ foresight on decentralized energy (5) 4.3 ♦ platform for future of work research (6) 4.3 ♦ ethics of “bionic” production (8) 4.3 ♦ piloting dense eco-cities (9) 4.2 ♦ Sofia as an eco-Model (14) 4.2 	<p>DATA</p> <ul style="list-style-type: none"> ♦ 12 voters ♦ “Top” recommendation <ul style="list-style-type: none"> - average 3.6; max - min 4.2 - 2.9 ♦ Novelty <ul style="list-style-type: none"> - average 3.3; max - min: 4.1- 2.4 ♦ Essentiality <ul style="list-style-type: none"> - average 3.8; max - min 4.7 - 2.6 ♦ Timing <ul style="list-style-type: none"> - average 3.9; max - min 4.7 - 2.5 <p>Score5= very novel/essential/relevant4= quite novel/essential/relevant3= don't know/do not wish to answer2= not very novel/essential/relevant1= not at all novel/essential/relevant</p>

Comparison of citizens priorities and experts votes

1. Attractive public transportation (R18)

2. Decentralised energy (R5)

3. Re-appropriate countryside (R24)

4. Tools for disabled people (R2)

4. European eco-cities (R9)

6. Social innovation for ageing society (R17)

7. Direct democracy through e-voting (R12)

8. Develop effective urban infrastructure (R26)

9. Policies towards immigrants and refugees (R21)

10. Dignity in the dying process (R1)

10. Plants for extreme weather (R20)

1. Attractive public transportation (R18)

1. Innovations in participation (R16)

3. European eco-cities (R9)

3. Recycling complex materials (R11)

5. Ethics of 'bionic' production (R8)

6. Tools for disabled people (R2)

6. Decentralised energy (R5)

6. Platform for research in future of work (R6)

6. Organic CAP (R10)

6. Sofia as an eco-model (R14)



Citizens validation of recommendations

- Difficult to translate holistic citizen visions into concrete policy recommendations
- Citizens say: Most recommendations only partly support the realisation of the visions
- Recommendations are still relevant, attractive and rooted in the visions of citizens

Concluding remark

- Direct impact:
 - CIVISTI recommendations are direct input for European research policy
 - CIVISTI provides an innovative approach for information exchange with citizens for European research policy
- Question:
 - How will recommendations be used in the future?
And methodology?