



Workshop on ASSESSING THE WATER-FOOD-ENERGY- ECOSYSTEMS NEXUS AND BENEFITS OF TRANSBOUNDARY COOPERATION IN THE DRINA RIVER BASIN



Podgorica, Montenegro
21-22 April 2016

5/13/2016

Sources

National

- Ministries with relation to the nexus components (plans, strategies, official reports and communications)
- Statistical offices
- Electricity utilities and Transmission System Operators
- Governmental Energy and environmental Agencies
- Hydrological institutes.

International



United Nations
Framework Convention on
Climate Change



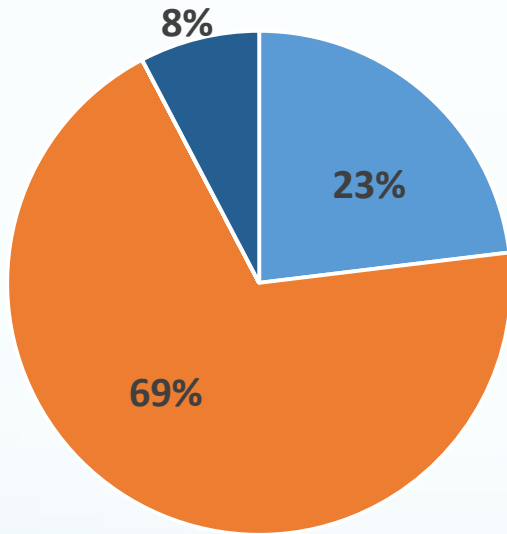


Key observations from the 'opinion based questionnaire' :

- High degree of agreement in the point of views in general.
- Level of coordination between sectors in the national level and the transboundary level is not adequate.
- The economy in the basin is heavily dependant on single sector.
- The awareness of the local population about the environmental issues is a point on which there is disagreement.
- Water shortage is an important issue in the basin and it affecting different activities (Agriculture, Industry and Domestic)
- Water quality is affecting population's health and need to be improved.
- It is not clear (or agreed upon) if the energy policies and strategies can secure energy future. However, there is a great agreement on the importance of electricity trade between riparian countries for energy security.

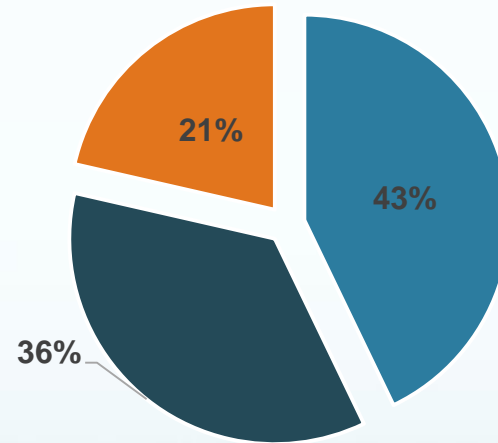


G.1 Type of organization



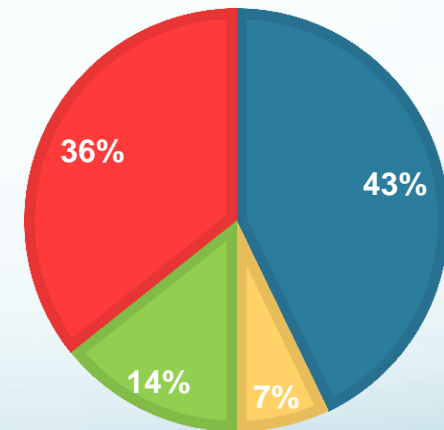
- a. Private
- b. Administration (national)
- c. Administrator (local)
- d. Civil society
- e. NGO
- f. Academia

G.2 Geographical perspective that you represent



- BA
- ME
- RS

G.3 AREA OF EXPERTISE



- a. Water
- b. Food and land-use
- c. Environment and ecosystems
- d. Energy



Water Management

W5. Operation of reservoirs, hydro-power and water diversions have limited the availability for downstream water uses.

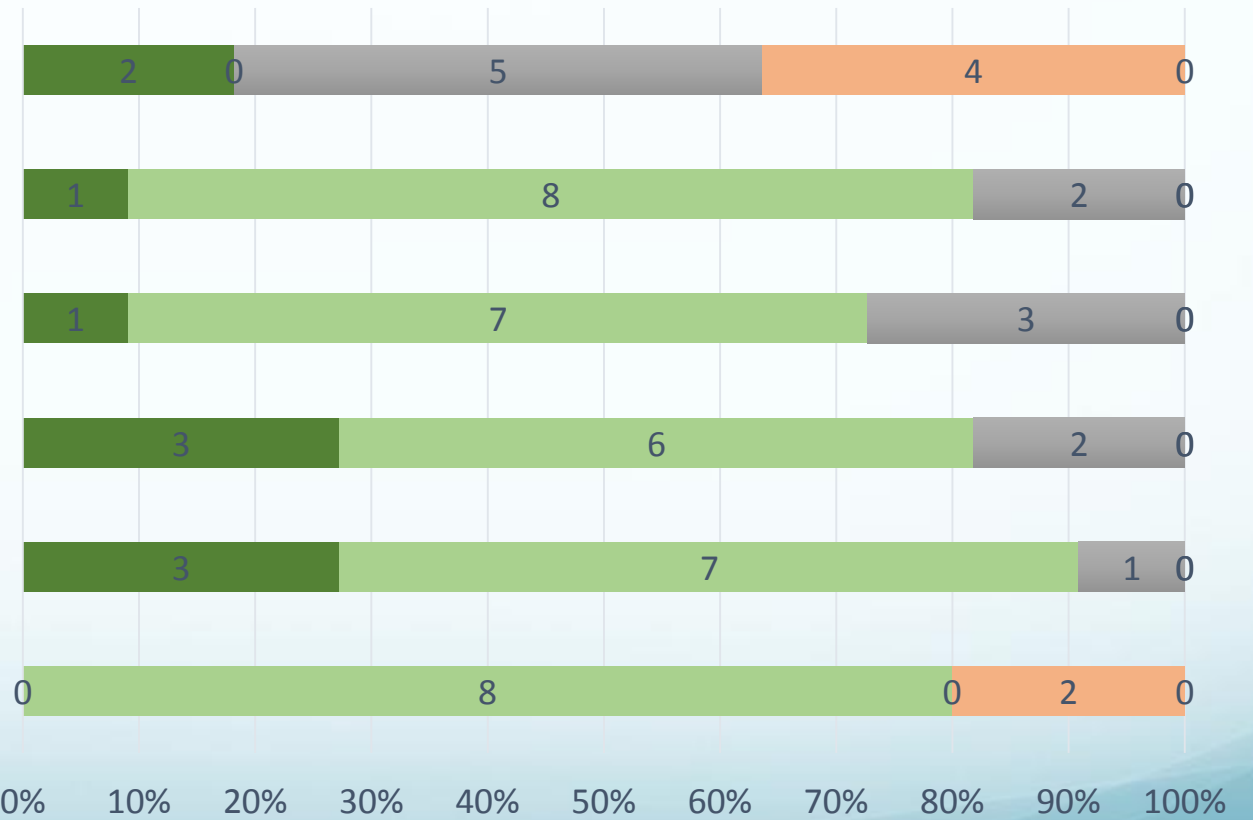
W4. Water shortages are expected in the future.

W3. There have been agricultural water shortages.

W2. There have been industrial water shortages.

W2. There have been municipal water shortages.

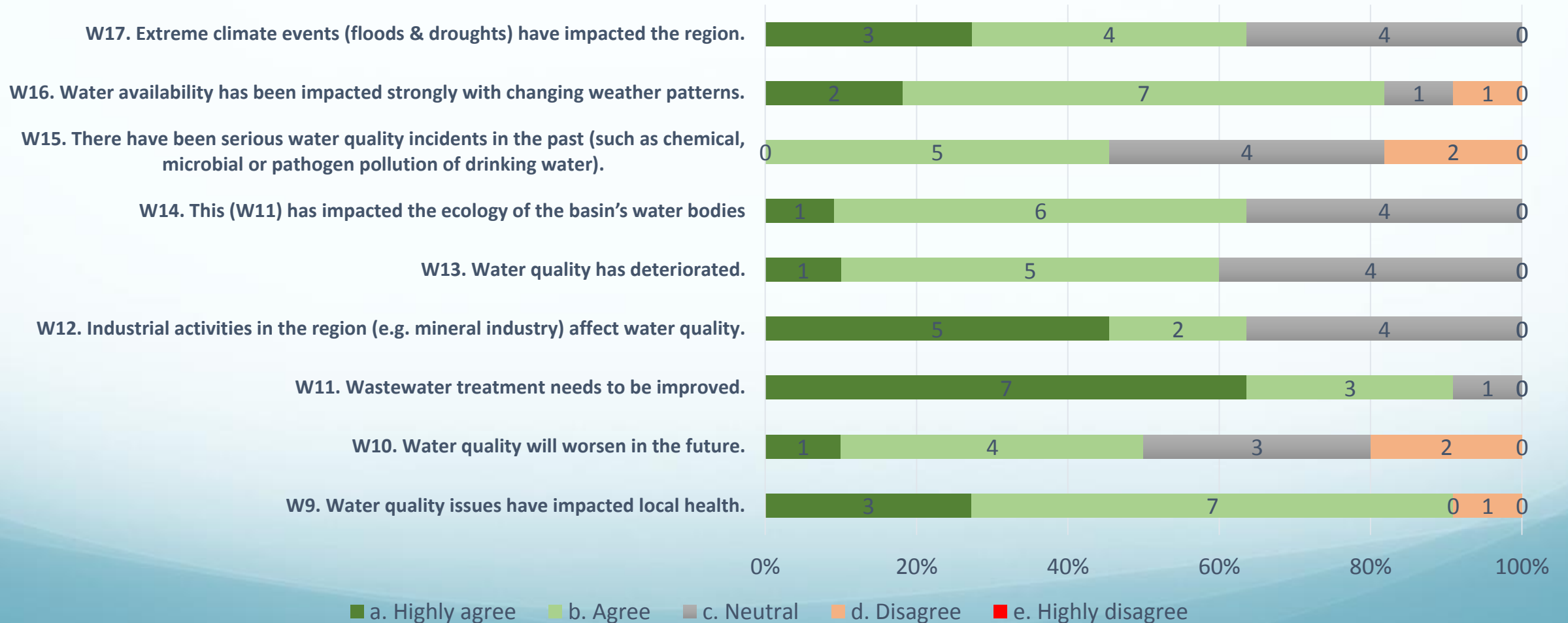
W1. Water availability has been an issue in the basin.



Legend: a. Highly agree (dark green), b. Agree (light green), c. Neutral (grey), d. Disagree (orange), e. Highly disagree (red)

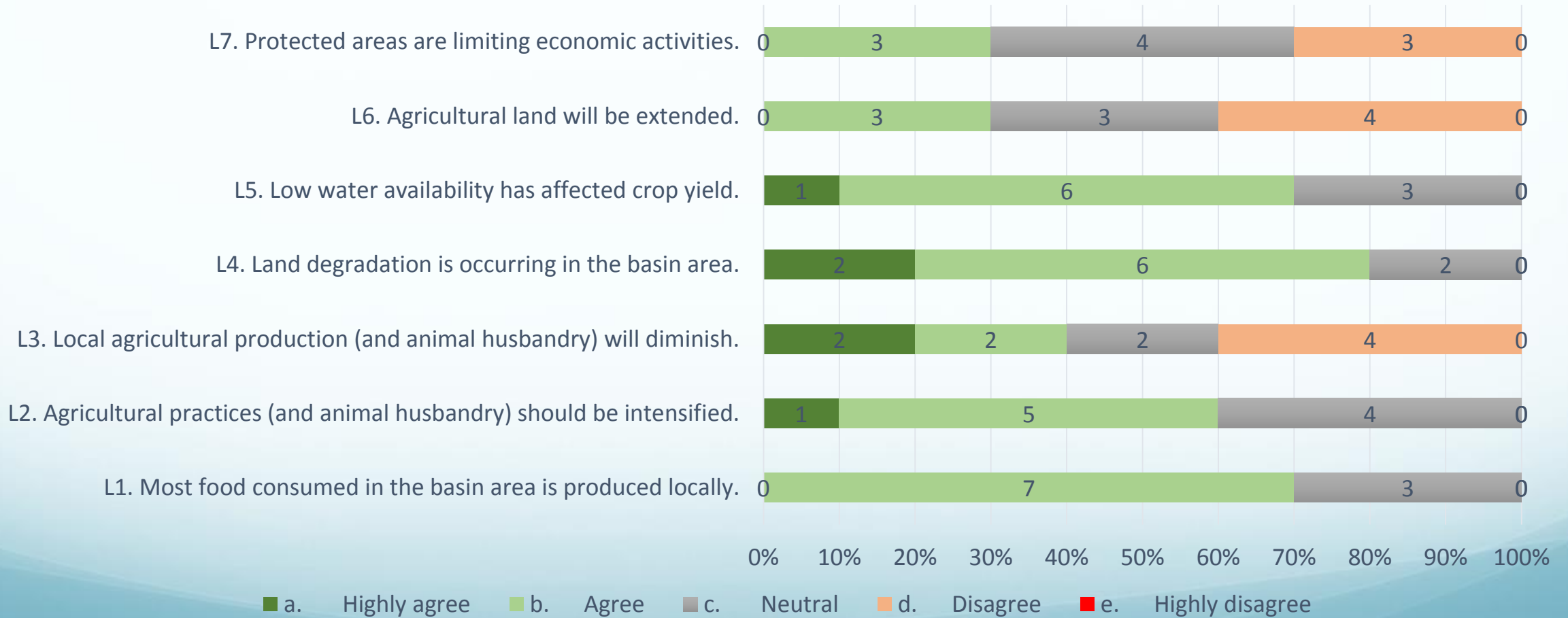


Water Quality



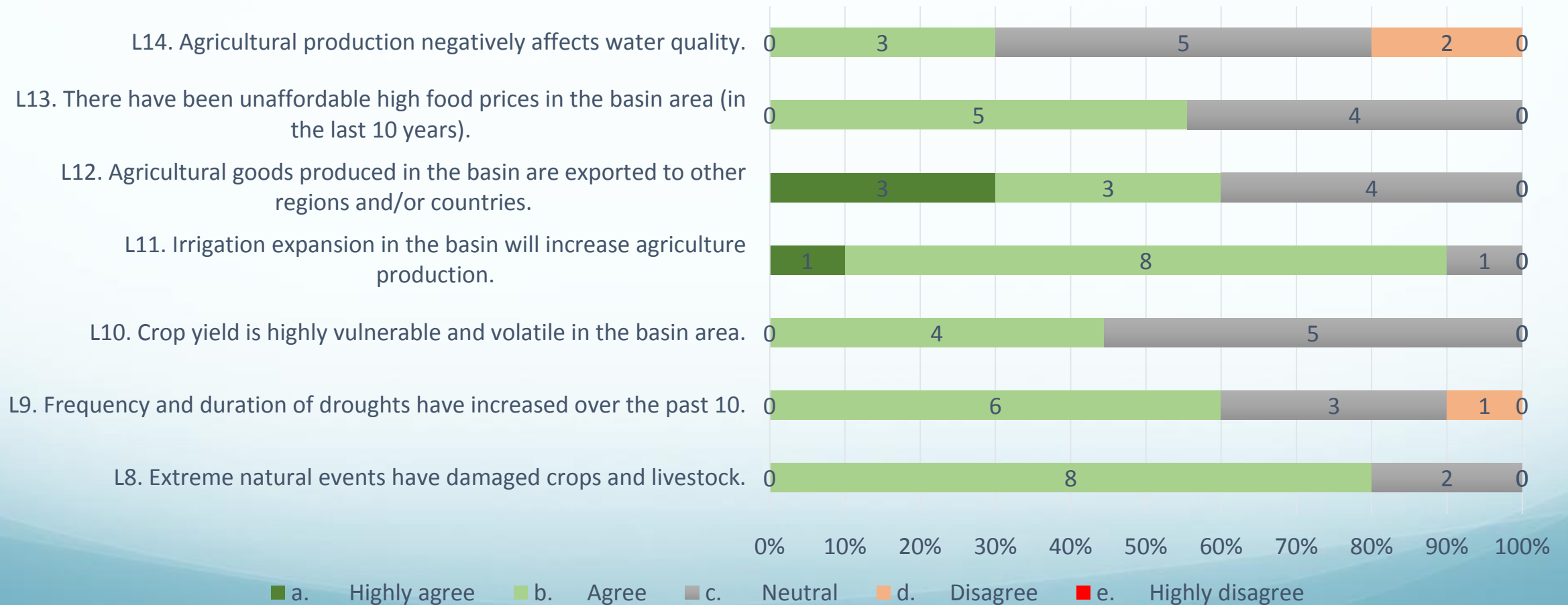


Food and Land Use





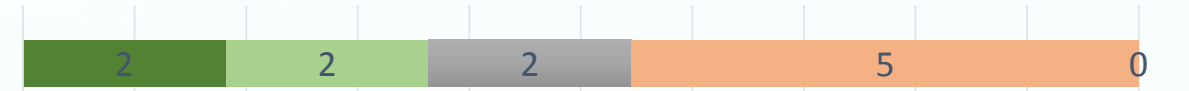
Food and Land Use





Energy

E6. The authorities are giving too much attention to the energy sector, at the expense of other sectors.



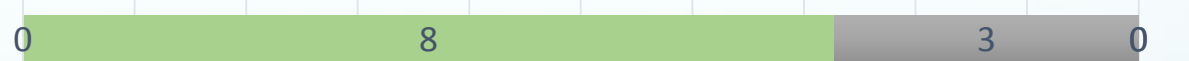
E5. Policies and strategies exist that will help the basin to have a secure energy future.



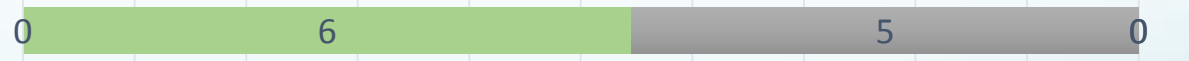
E4. There are clear procedures for taking environmental and social concerns into account when applying for the approval of an energy...



E3. Current energy efficiency levels are low (production, transmission or use)



E2. Energy demand will increase significantly in the basin area.



E1. There is enough energy to reliably serve all needs in the basin.

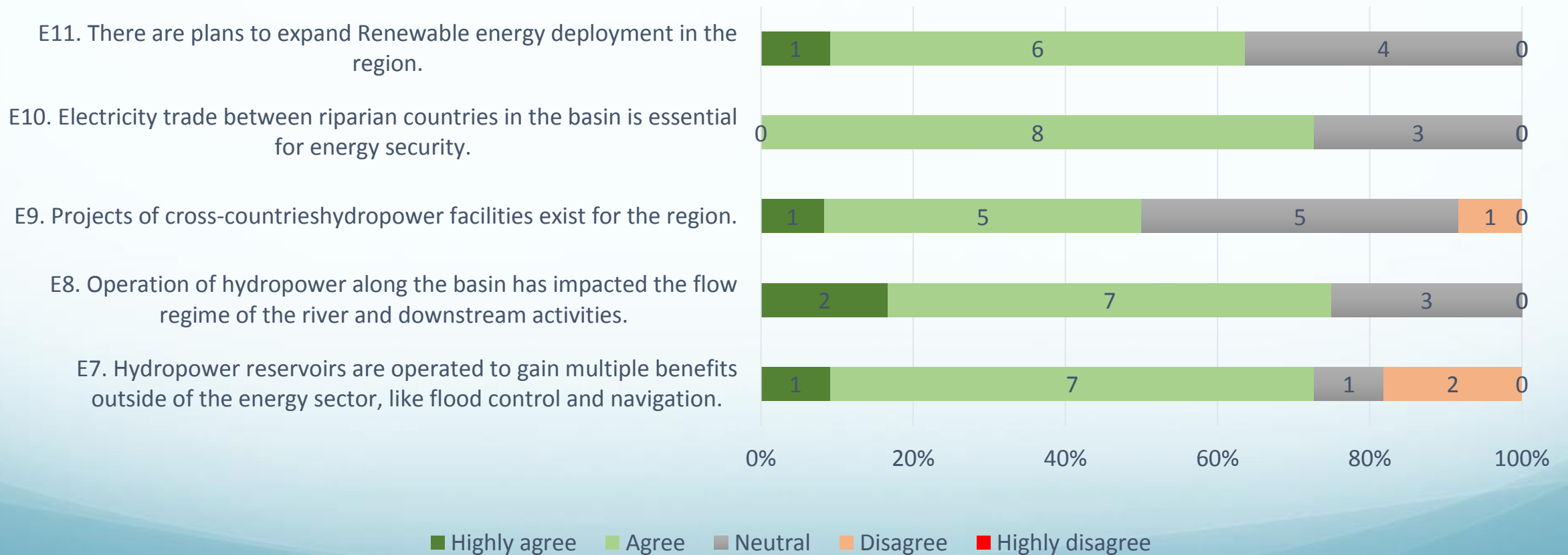


0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Highly agree Agree Neutral Disagree Highly disagree

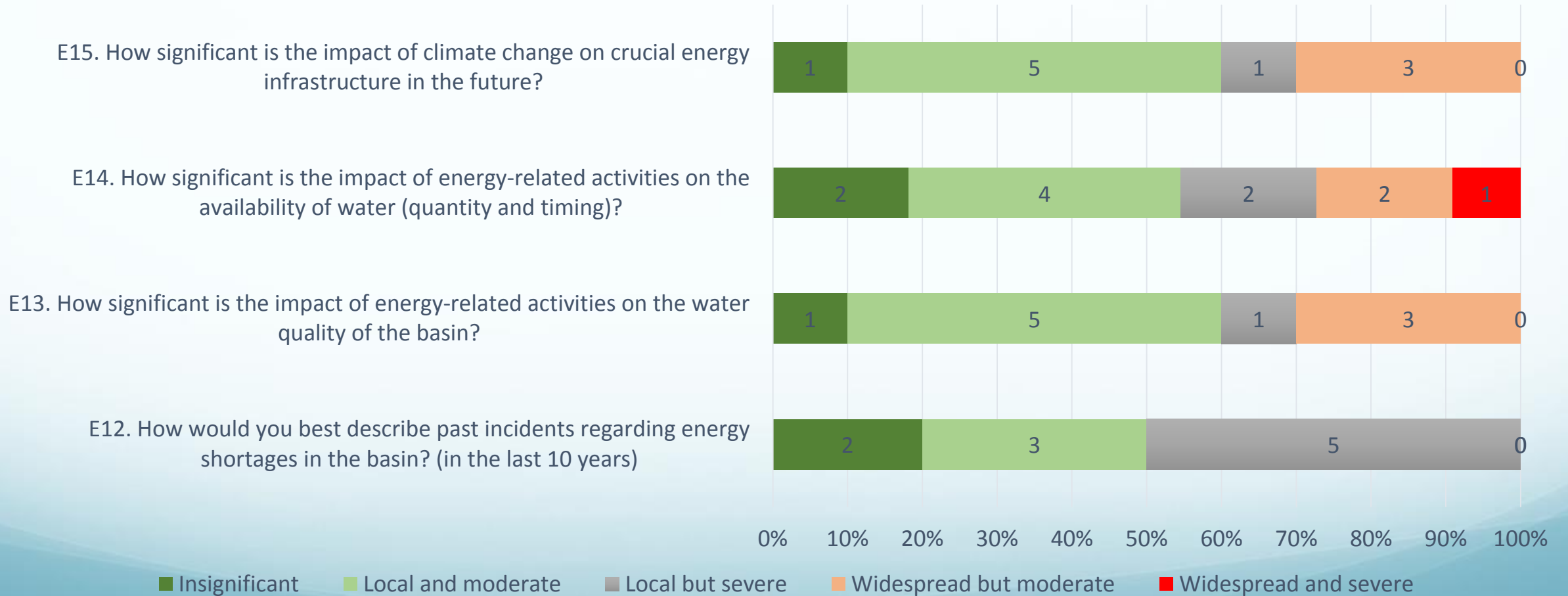


Energy



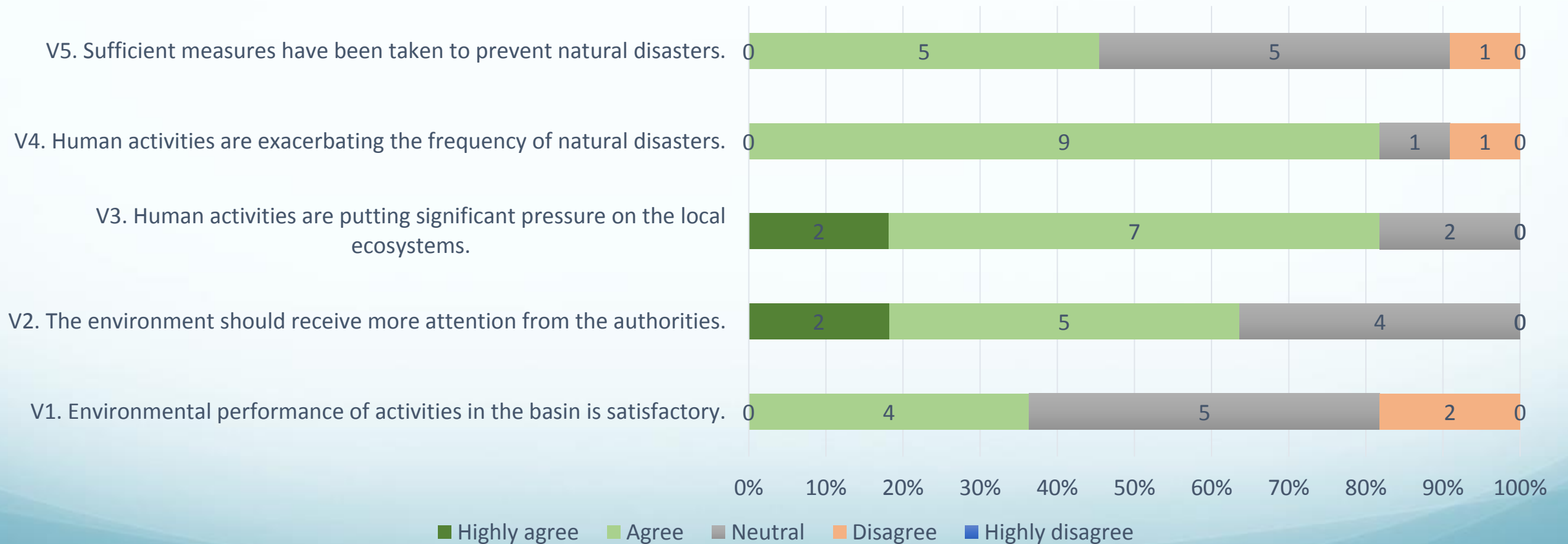


Energy





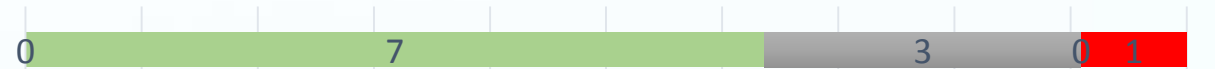
Environment



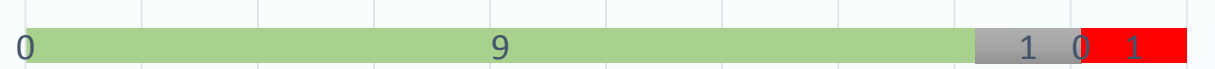


Environment

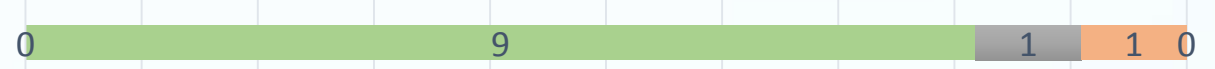
V13. Eco-tourism is/has the potential to be economically significant in the basin.



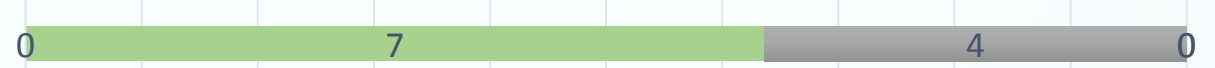
V12. Eco-tourism is expected to contribute positively for the preservation of environmental quality in the basin.



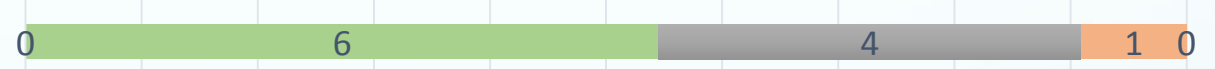
V11. Climate change might present a/is a known threat to ecosystem services in the region.



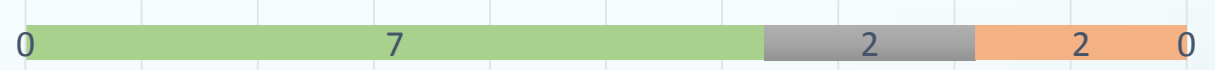
V10. Landscape changes over the past decade have been occurring in an environmentally detrimental manner.



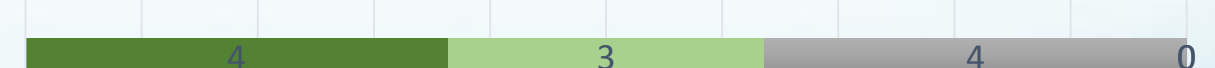
V9. Biodiversity loss is evident in the basin.



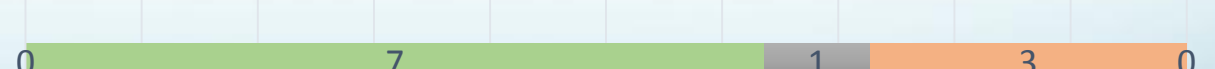
V8. Severe natural disasters frequently affect the basin.



V7. There are important habitats in the basin which require special protection.



V6. Sufficient measures have been taken to address the issue of ecosystem degradation.



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Highly agree Agree Neutral Disagree Highly disagree



Basin Overview

O5. Currently, there are no major socioeconomic challenges faced by the local population.



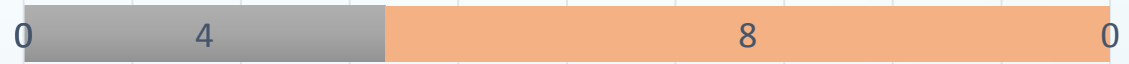
O4. One sector's objectives usually have a priority in political decision.



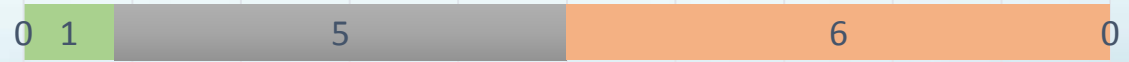
O3. Benefits from natural resources are equitably shared (across sectors/across countries).



O2. There is adequate coordination across sectors at the transboundary level.



O1. There is adequate coordination across sectors at the national level.



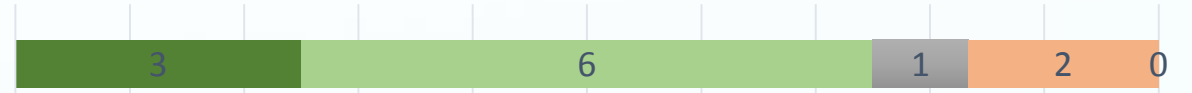
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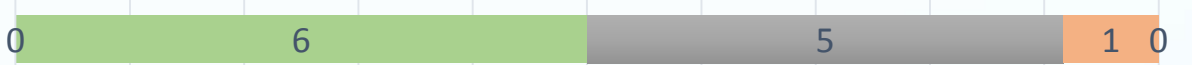


Basin Overview

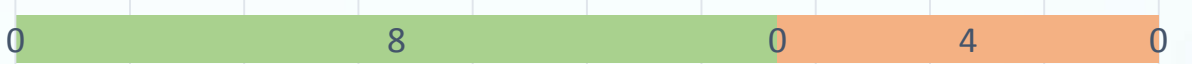
O11. Population migration from the basin to cities has significant effect on the basin economy.



O10. The economy in the basin is heavily dependent on one single sector.



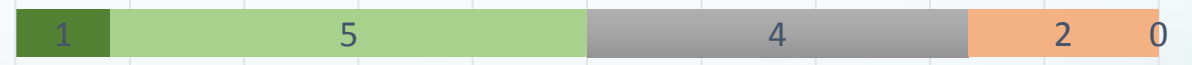
O9. Local population have the means to influence major decisions influencing the basin.



O8. Local population is aware of environmental issues.



O7. Climate change is an important part of national policy agenda.



O6. The basin seems to be heading towards a secure socioeconomic future.



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Highly agree Agree Neutral Disagree Highly disagree



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