

## Appendix 3

The table summarizes the main topics brought up by stakeholders during the workshop discussions as identified through the thematic content analysis that related to challenges crossed with the stakeholder group(s) discussing them. Many of the identified key topics relating to locally perceived sustainability challenges in the system were identified as *key* by more than one sector, but even more often discussed although not as the most important. The topics concerned both the governing system (e.g., management complexity) and system-to-be-governed (e.g., native species) in Senja. The majority of the identified topics were socio-economic and related to, such as, industries or infrastructure, while there were also environmentally related topics such as fish mortality or temperature.

The key topics identified through thematic content analysis of transcriptions were marked with an “X” when brought up by a stakeholder group.

	Workshop groups				
	Fisheries	Aquaculture	Agriculture	Recreational river fisheries	Management
Aquaculture production	X			X	
Circular economy			X		
Communication	X	X	X	X	X
Costs		X	X		
Cost-benefit analysis	X				
Fish mortality		X			
Fisheries	X				
Industrial activity		X		X	X
Invasive species				X	
Investments from industry		X			X
Management complexity	X				
Media		X	X	X	X
Municipal financial allocation	X	X	X	X	X
Native species	X			X	
Pollution		X	X	X	X
Port quality	X		X		X
Power grid	X	X	X		X
Research		X		X	X
Road quality	X	X	X	X	X
Road-based goods transportation			X		
Rural communities			X		
Surveillance				X	
Technology	X				
Temperature	X	X			
Tourism				X	
Waste water treatment					X
Workforce		X			X