



NASCO and North Atlantic Salmon

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Salmon & People 3

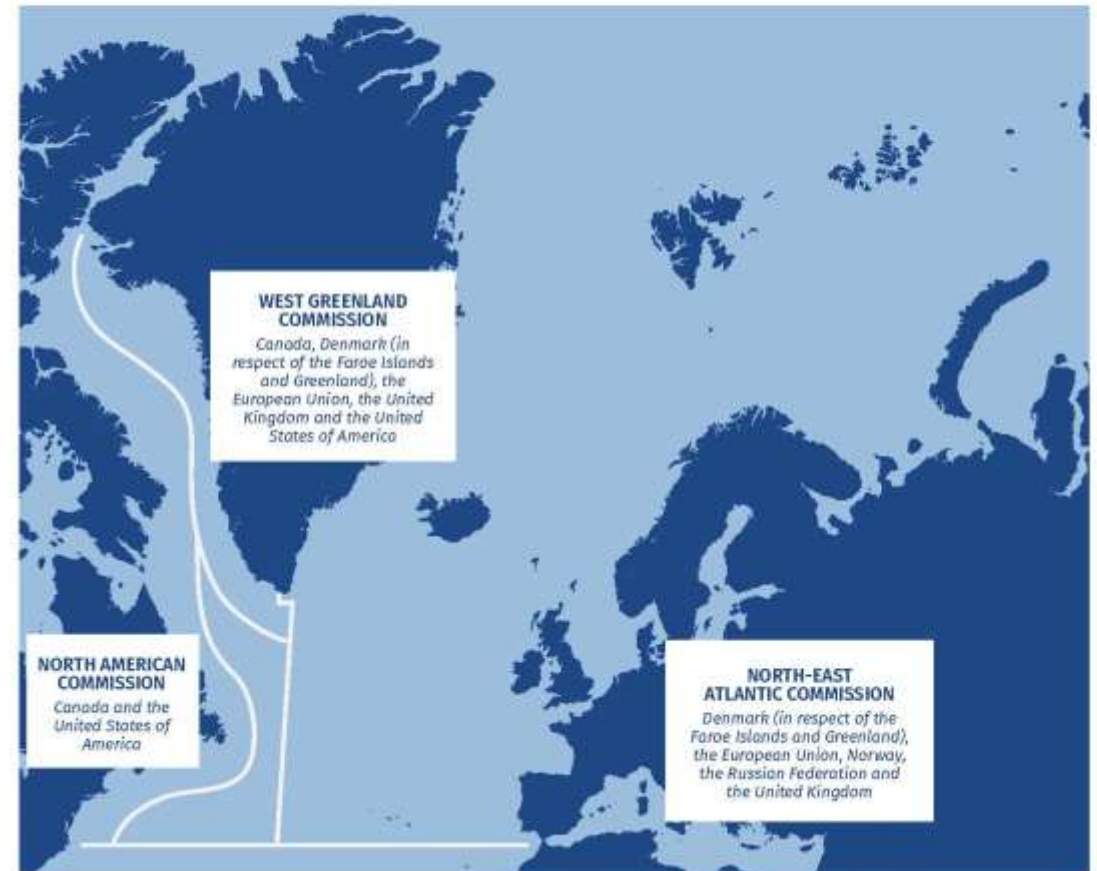
19-21 October 2023

SOS Loire Vivante

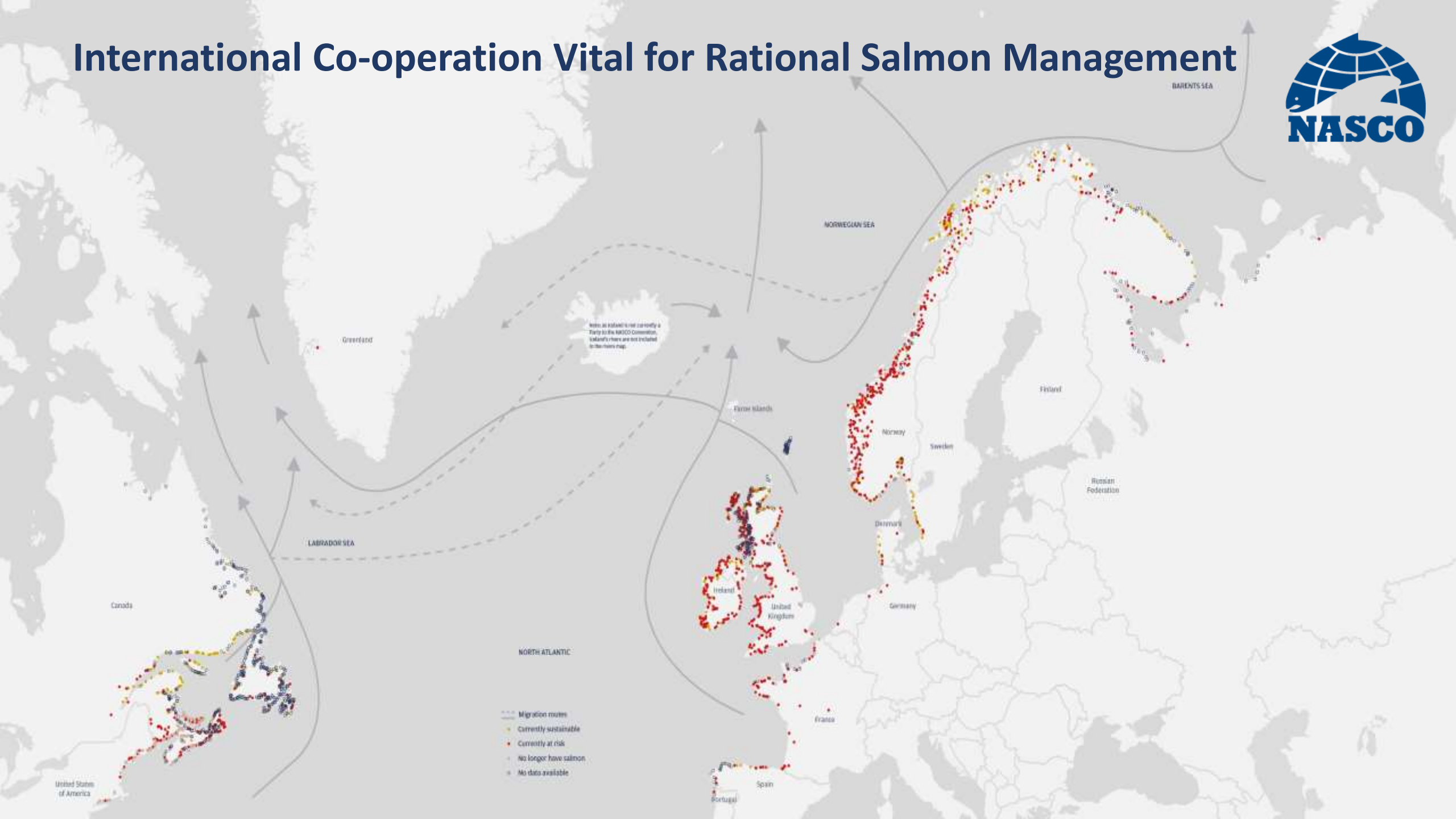
The Convention for the Conservation of Salmon in the North Atlantic Ocean



- The Convention entered into force in 1983
- NASCO was established in 1984 as the sole organization with the competence to manage Atlantic salmon in the North Atlantic
- Parties: Canada, Denmark (Faroe Islands & Greenland), European Union, Norway, Russian Federation, United Kingdom, United States of America
- Parties commit to (amongst other things) conserve, restore, and rationally manage salmon
- NASCO has 46 accredited NGOs
- NASCO has just undergone its third performance review

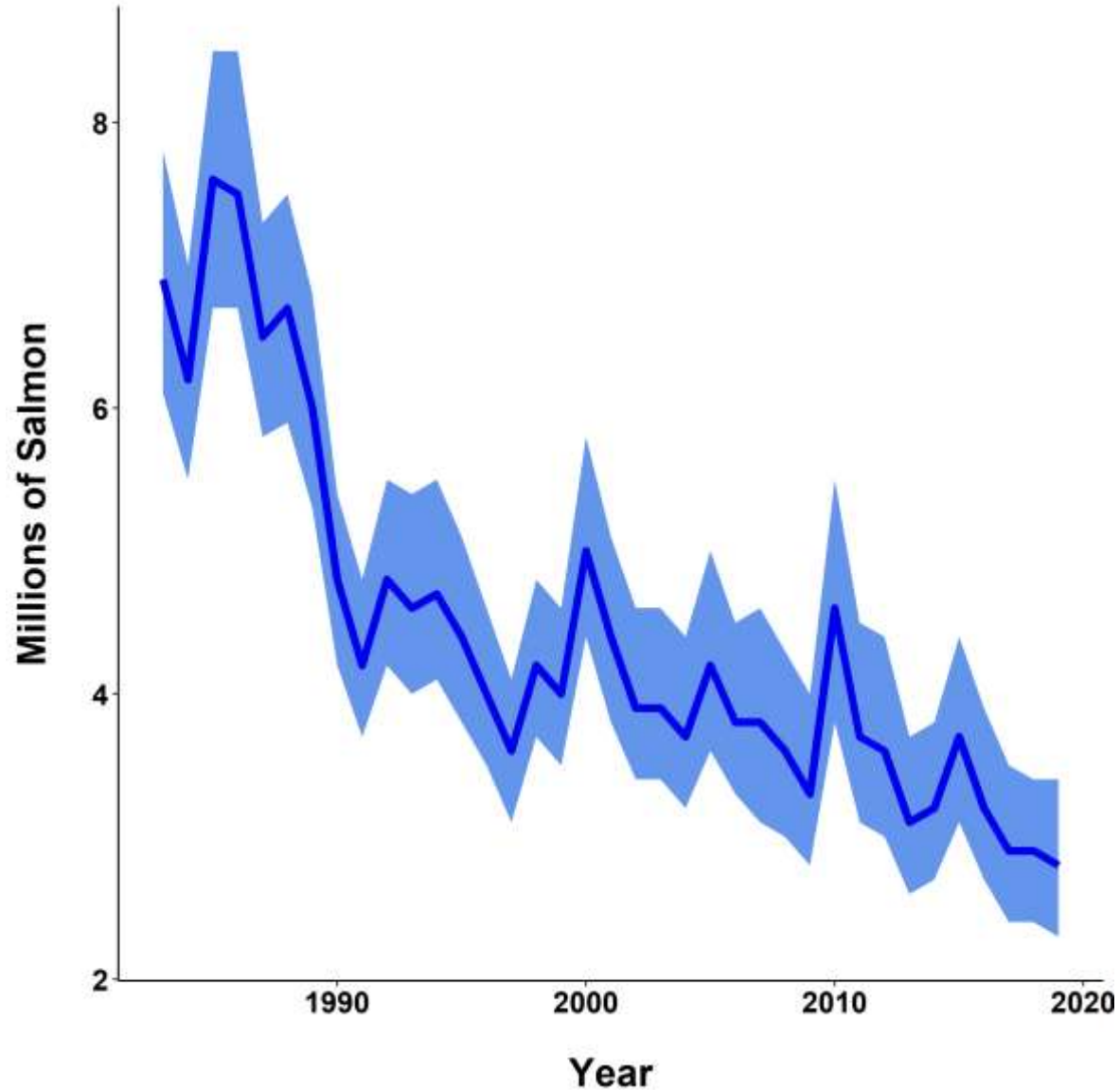


International Co-operation Vital for Rational Salmon Management



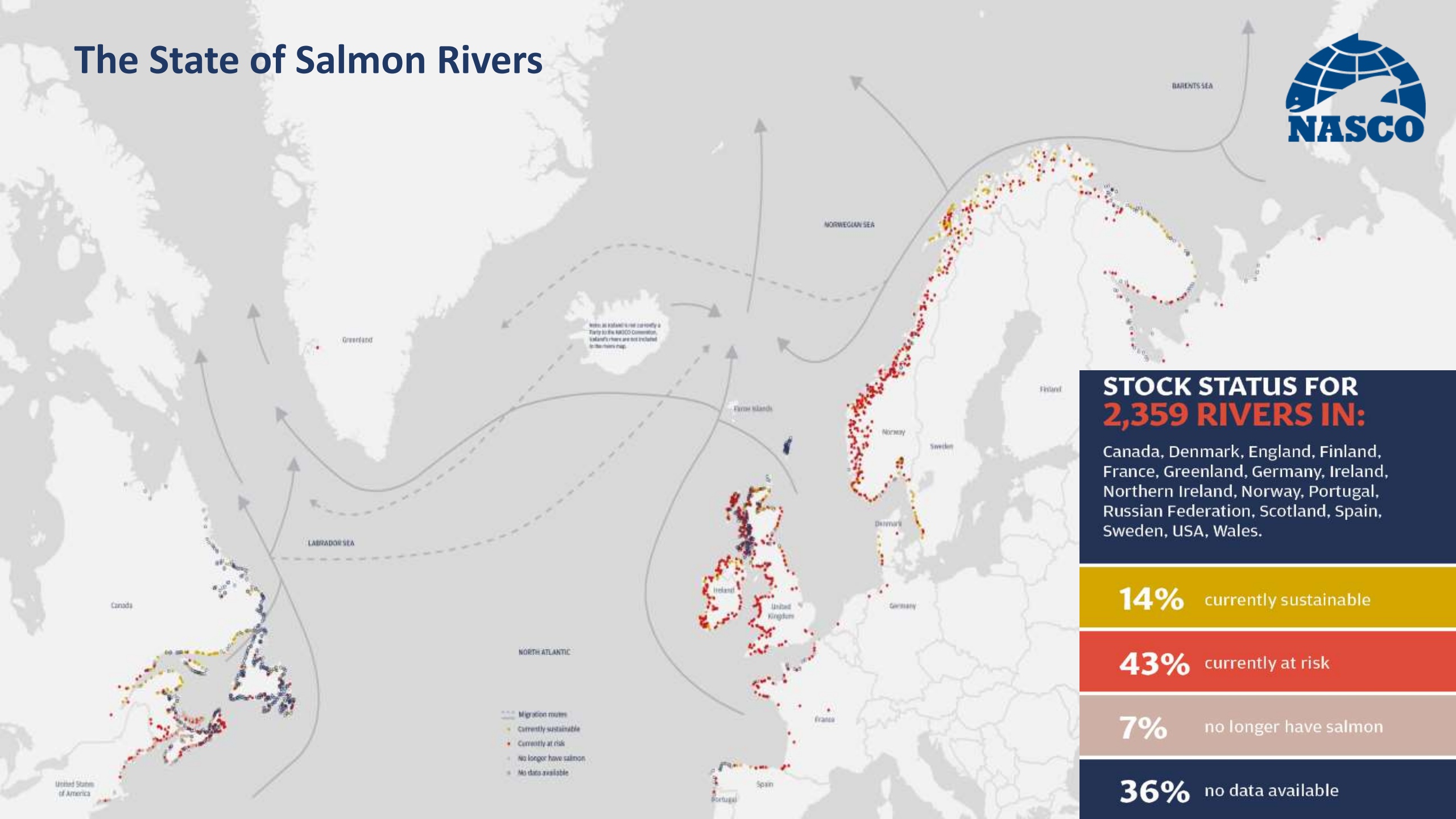
- Migration routes
- Currently sustainable
- Currently at risk
- No longer have salmon
- No data available

The State of Salmon At Sea



- between 1983 - 2019 the pre-fishery abundance of wild Atlantic salmon fell by more than half
- between 1983 to 1990 salmon numbers fell from around 7 million to 5 million fish
- since 1990 the rate of decline has slowed
- in 2019 there were around 2.8 million wild Atlantic salmon

The State of Salmon Rivers



STOCK STATUS FOR 2,359 RIVERS IN:

Canada, Denmark, England, Finland, France, Greenland, Germany, Ireland, Northern Ireland, Norway, Portugal, Russian Federation, Scotland, Spain, Sweden, USA, Wales.

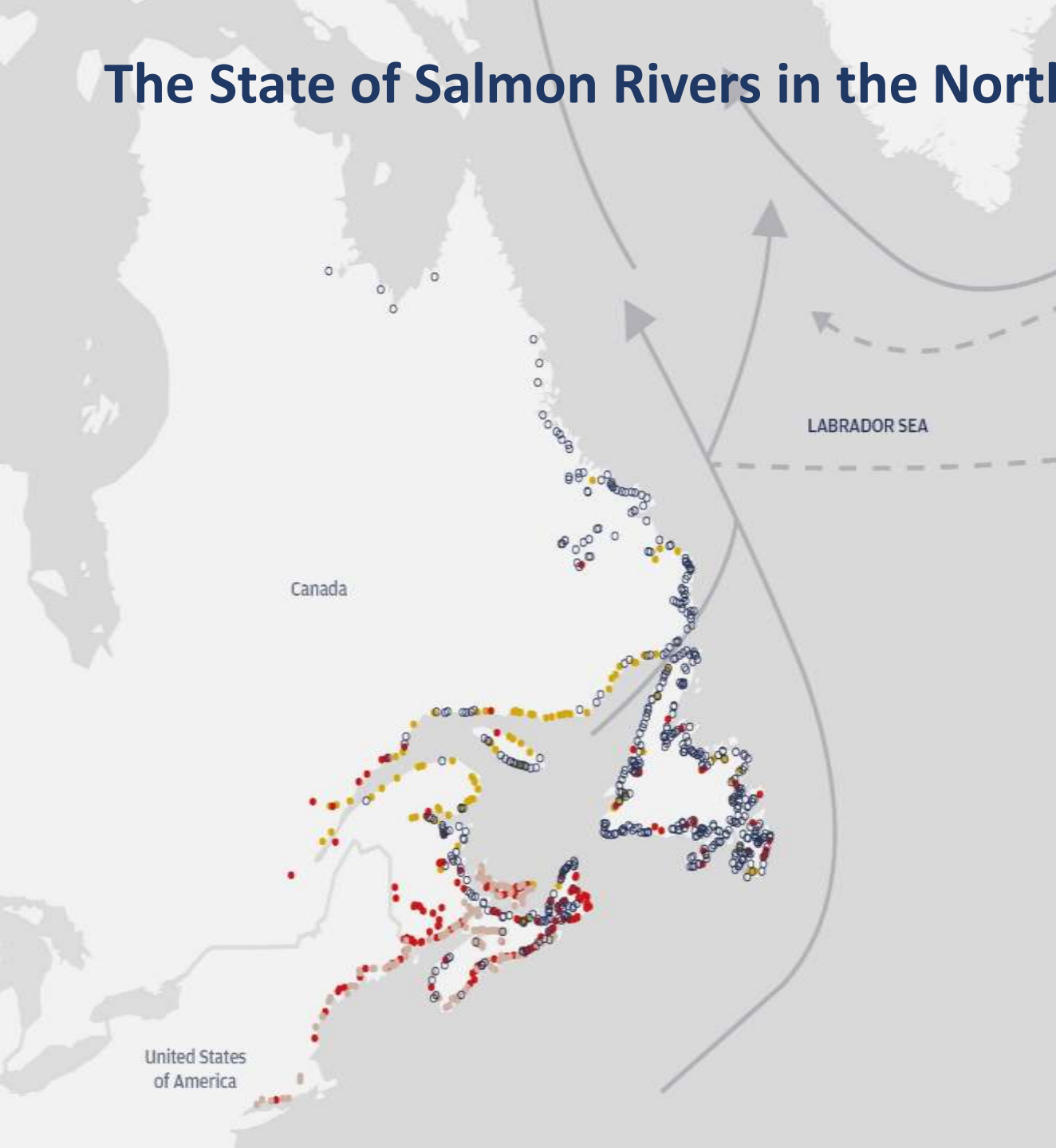
14% currently sustainable

43% currently at risk

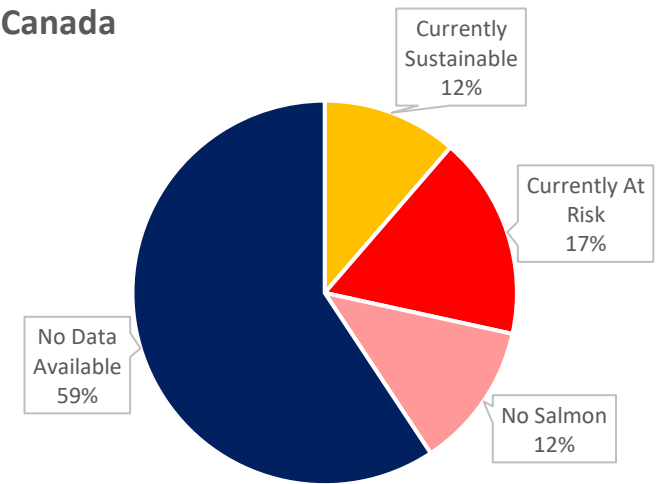
7% no longer have salmon

36% no data available

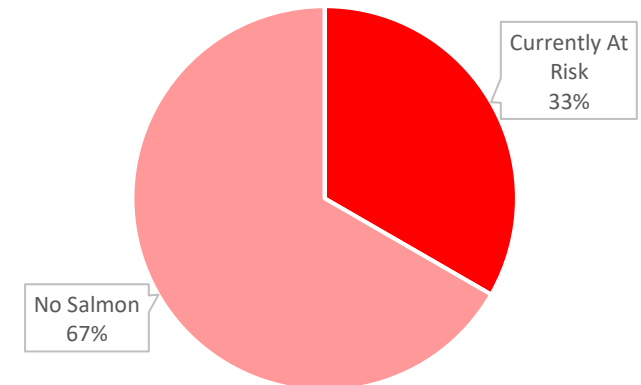
The State of Salmon Rivers in the North-West Atlantic



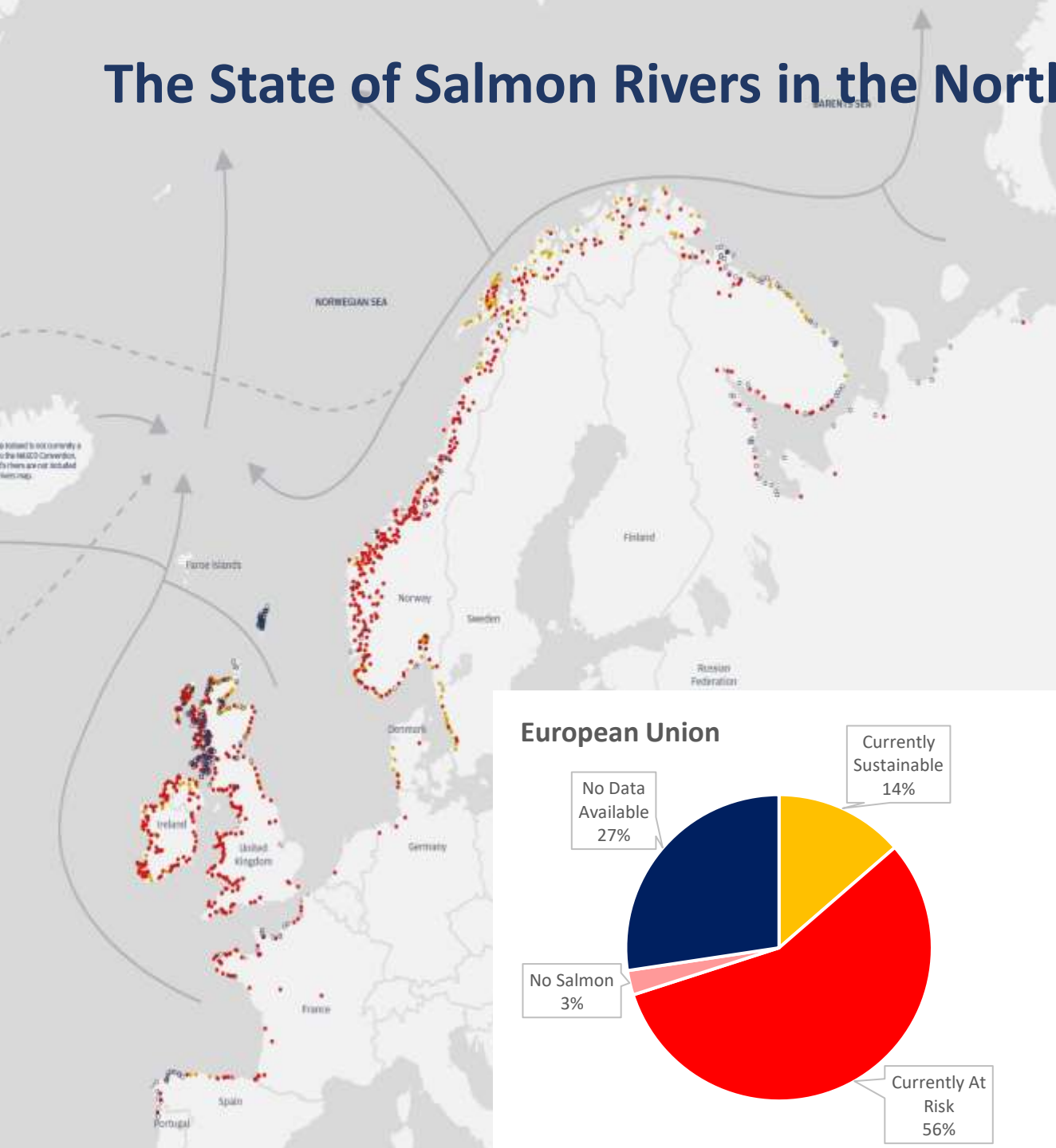
Canada



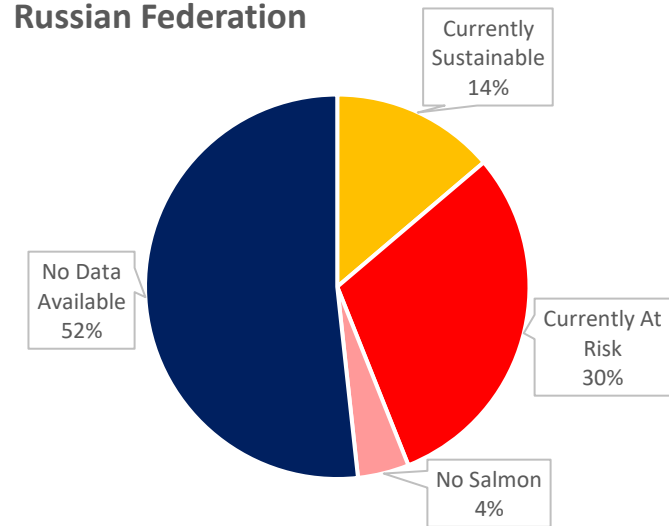
United States



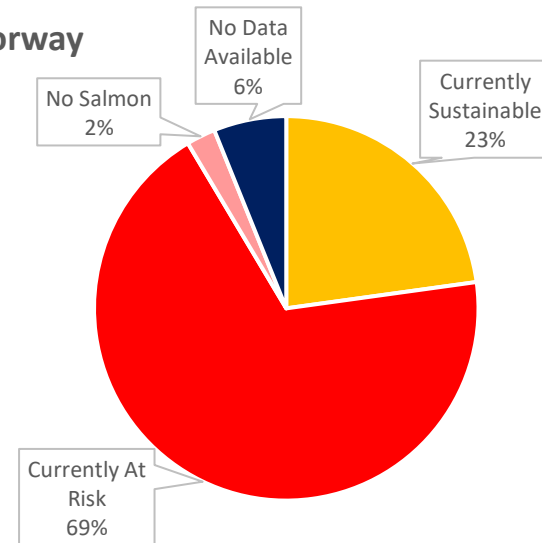
The State of Salmon Rivers in the North-East Atlantic



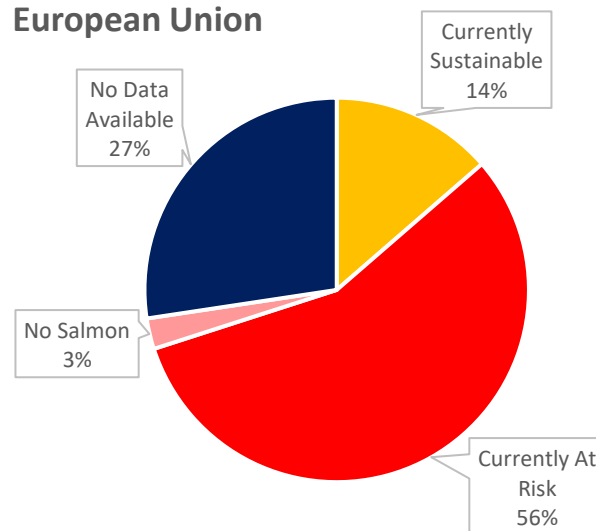
Russian Federation



Norway



European Union



Salmon Survival



PRIOR TO 1990

1,000 eggs = one salmon surviving
first year at sea



FROM 2007 TO 2016

2,000 eggs = one salmon surviving
first year at sea



NASCO's Resolutions, Agreements and Guidelines



- 'Road Map' to enhance information exchange and co-operation on monitoring, research and measures to prevent the spread of ***G. salaris*** and eradicate it if introduced, *NEA(18)08*
- Report of the Working Group on **Stock Classification**, *CNL(16)11*
- Revised matrix for the application of the **six tenets for effective management** of an Atlantic salmon fishery, *WGCST(16)16*
- NASCO Guidelines for **Protection, Restoration and Enhancement of Atlantic Salmon Habitat**, *CNL(10)51*
- NASCO Guidelines for **Management of Salmon Fisheries**, *CNL(09)43*
- Guidance on Best Management Practices to address impacts of **sea lice and escaped farmed salmon** on wild salmon stocks, *SLG(09)5*
- **Williamsburg Resolution**, *CNL(06)48*
- Guidelines for Incorporating **Social and Economic Factors** in Decisions under the Precautionary Approach, *CNL(04)57*
- NASCO Plan of Action for the Application of the **Precautionary Approach** to the Protection and Restoration of Atlantic Salmon Habitat, *CNL(01)51*
- **Minimum Standard for Catch Statistics**, *CNL(93)51*

NASCO's Action in Response to Pressures. I.



Three Theme Areas

- **Management of salmon fisheries:** promote the diversity and abundance of salmon stocks and maintain all stocks above their conservation limits
- **Protection and restoration of Atlantic salmon habitat:** maintain and, where possible, increase the current productive capacity of Atlantic salmon habitat
- **Management of aquaculture, introductions and transfers and transgenics:** minimise the possible adverse impacts of aquaculture, introductions and transfers and transgenics on the wild stocks of Atlantic salmon, including working with industry stakeholders, where appropriate

Implementation Plans

A succinct, transparent, fair and balanced approach for reporting on the implementation of NASCO's Resolutions, Agreements and Guidelines by the Parties / jurisdictions

NASCO's Action in Response to Pressures. II.



- Implementation Plans (IPs) set out the actions to be taken over a five-year period to implement NASCO's Resolutions, Agreements and Guidelines in the three theme areas
- the third reporting cycle (2019-2024) contains mandatory actions on mixed stock fisheries and aquaculture (sea lice and containment), where relevant
- considered by NASCO's Parties to be of the most valuable mechanisms that NASCO has developed, of vital importance as a mechanism to strengthen implementation of NASCO's Resolutions, Agreements and Guidelines
- IPs for the third reporting cycle have been reviewed several times, to determine if they are in line with NASCO's Resolutions, Agreements and Guidelines
- more stringent review for the third cycle than in the past – two sets of guidance from Council
- progress is reported and evaluated annually in Annual Progress Reports (APRs)
- the Implementation Plans are available on the NASCO website
<https://nasco.int/conservation/third-reporting-cycle-2/>

	Key										
		Section / area 'satisfactory'									
	50	Section / area partly 'satisfactory'; % satisfactory denoted									
		Section / area 'unsatisfactory'									
	Questions on Salmon Management				Threats / Challenges to Wild Salmon			SMART Actions			Mandatory Actions
	Introduction / Background	Management of Salmon Fisheries	Habitat Protection & Restoration	Aquaculture, Introductions & Transfers & Transgenics	Management of Salmon Fisheries	Habitat Protection & Restoration	Aquaculture, Introductions & Transfers & Transgenic	Management of Salmon Fisheries	Habitat Protection & Restoration	Aquaculture, Introductions & Transfers & Transgenics	
Canada				59						33	33
DFG - Faroe Islands			50	33					Not applicable	50	50
DFG - Greenland											
EU - Denmark		86		82							
EU - France		93		59				67			
EU - Finland											
EU - Germany											
EU - Ireland				59						33	
EU - Portugal	57	57	50	76				67			
EU - Spain (Asturias)				82							
EU - Spain (Cantabria)				94							67
EU - Spain (Galicia)	71	50	25	35				50			67
EU - Spain (Gipuzkoa)								67			
EU - Spain (Navarra)											
EU - Sweden				94				90			
Norway*				65					50	86	67
Russian Federation				83					50		
UK - England and Wales											
UK - Northern Ireland*				89						83	67
UK - Scotland*				56						80	33
United States				88						75	67

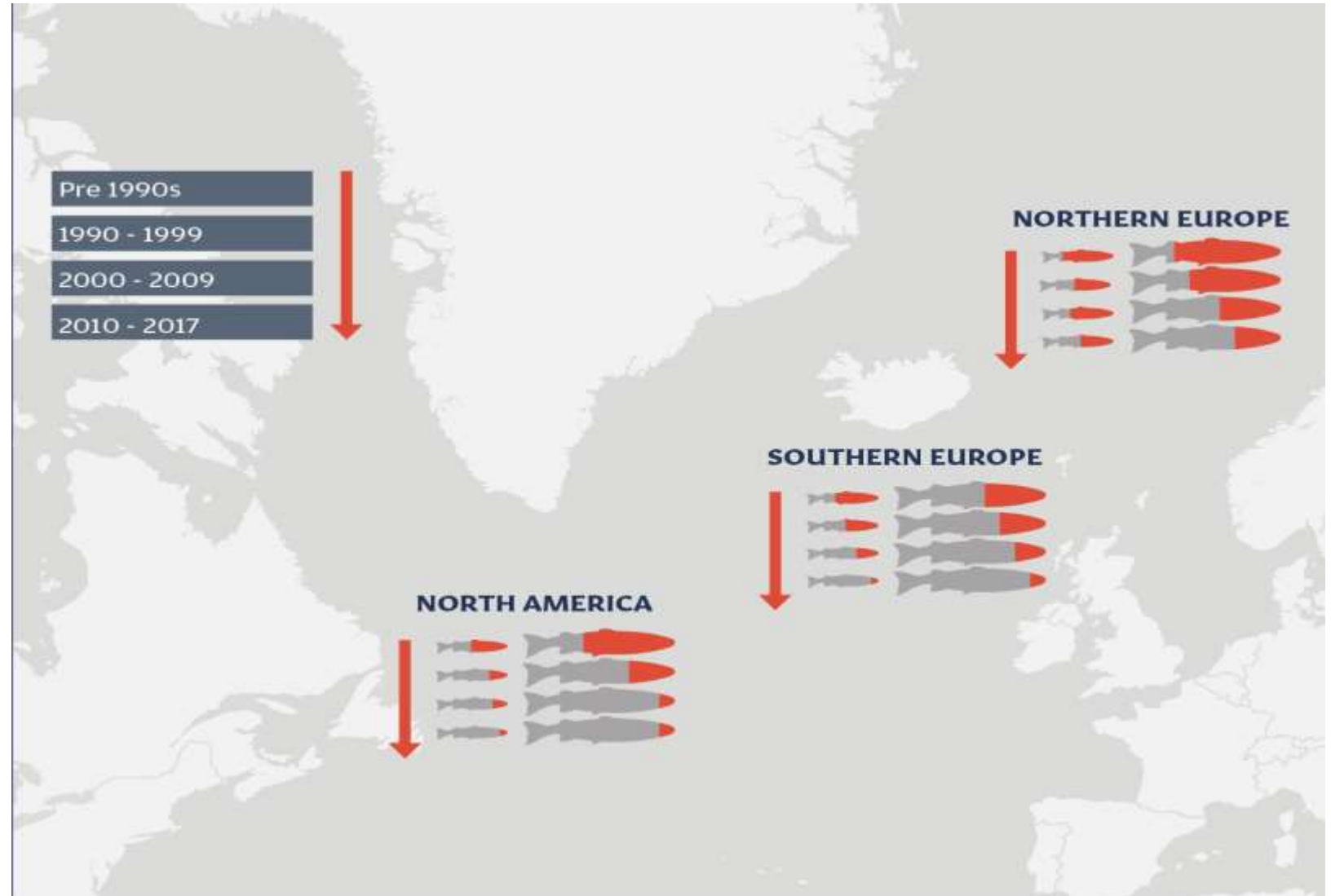
Action in Response to Over-Exploitation



SIGNIFICANT REDUCTIONS IN HARVEST SINCE THE MID-1970s



**THESE NUMBERS
REPRESENT ALL FISHERIES,
NOT JUST 'AT SEA'**



Action in Response to Migration Barriers and Habitat Degradation



Action in Response to Aquaculture and Pollution



NASCO's Future



NASCO's third performance review

- NASCO's performance was reviewed by three independent experts in 2023
- NASCO is the first Regional Fishery Management Organization to undergo its third performance review
- NASCO has agreed to develop a Strategy and Action Plan in response to the performance review to set its course for the next ten years or so

A New Contracting Party for NASCO

- Iceland intends to rejoin NASCO as a Contracting Party early in 2024

NASCO is the forum through which Governments around the North Atlantic work together to try to prevent the loss of the amazing species that is wild Atlantic salmon. To have all countries with salmon participating in that forum can only strengthen that work

Thank You