

### Current and future challenges in coastal Iceland

And some hot topics...





# My research activities

- Community Resilience
- Transformation and change
- Climate Change
- Fisheries management
- Tourism
- Depopulation

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### Positionality

- Very interested in small and remote communities
- Role of welfare state in policy making
- On the search for a socially acceptable way
  - to dismantle depopulating town



Fisheries management and the loss of access to livelihood

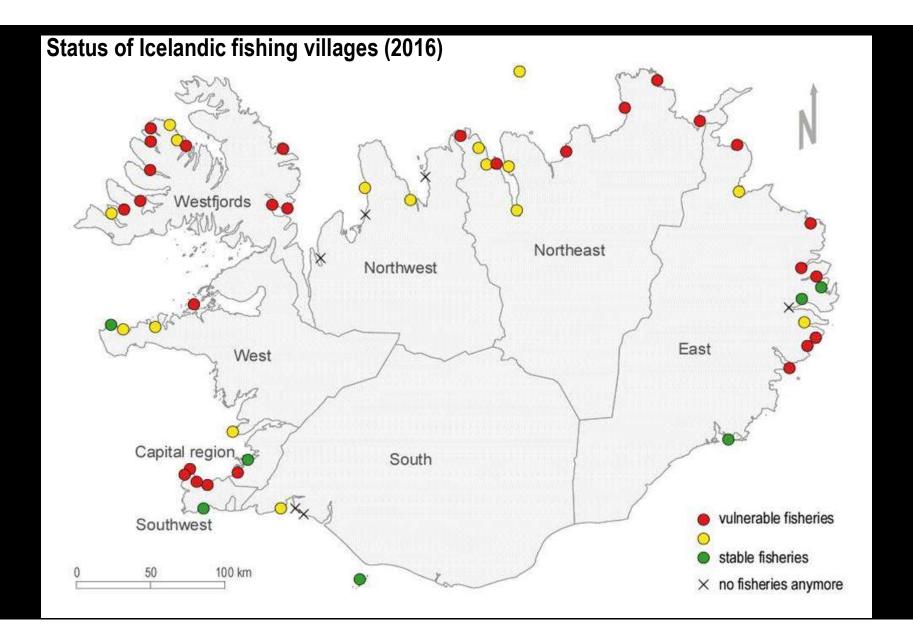
Remote communities in times of climate change

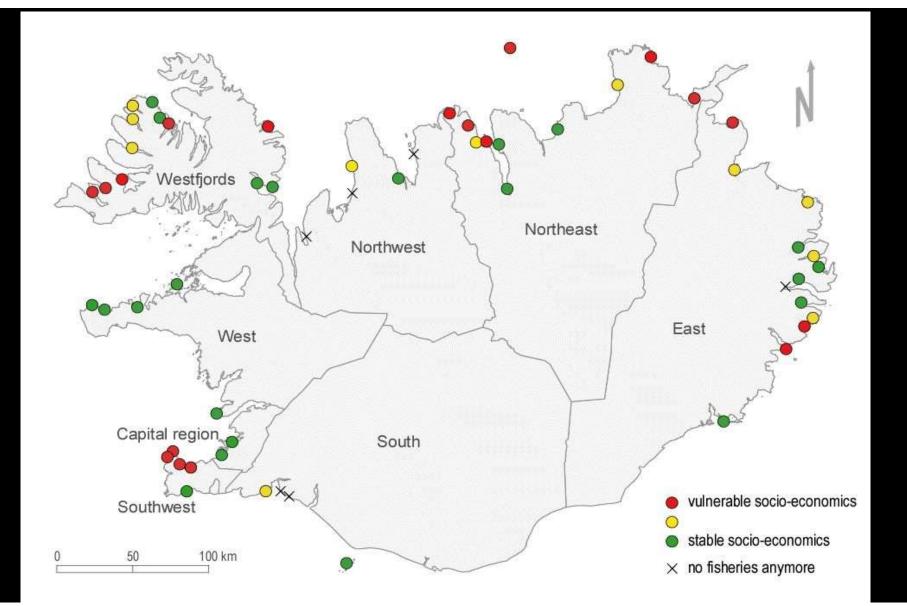


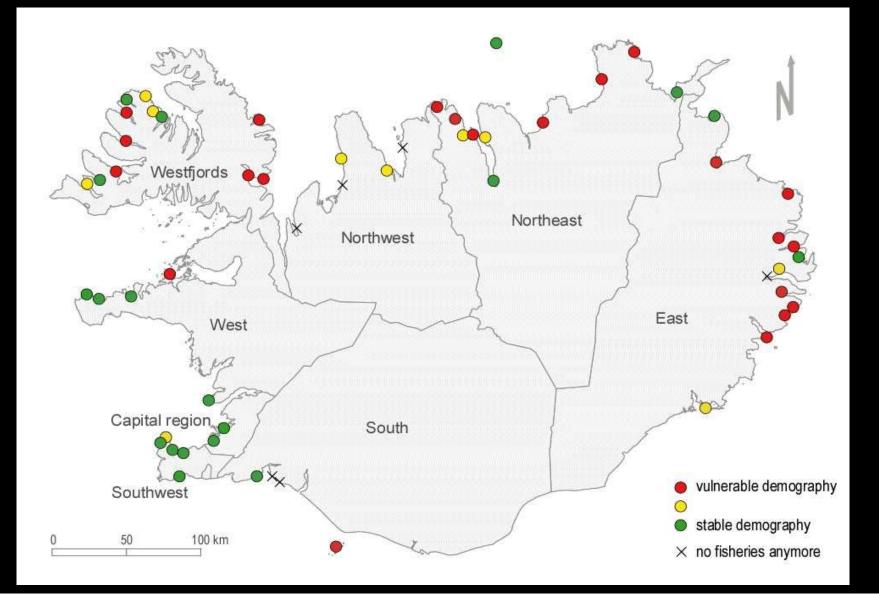
#### Resilient to what...?

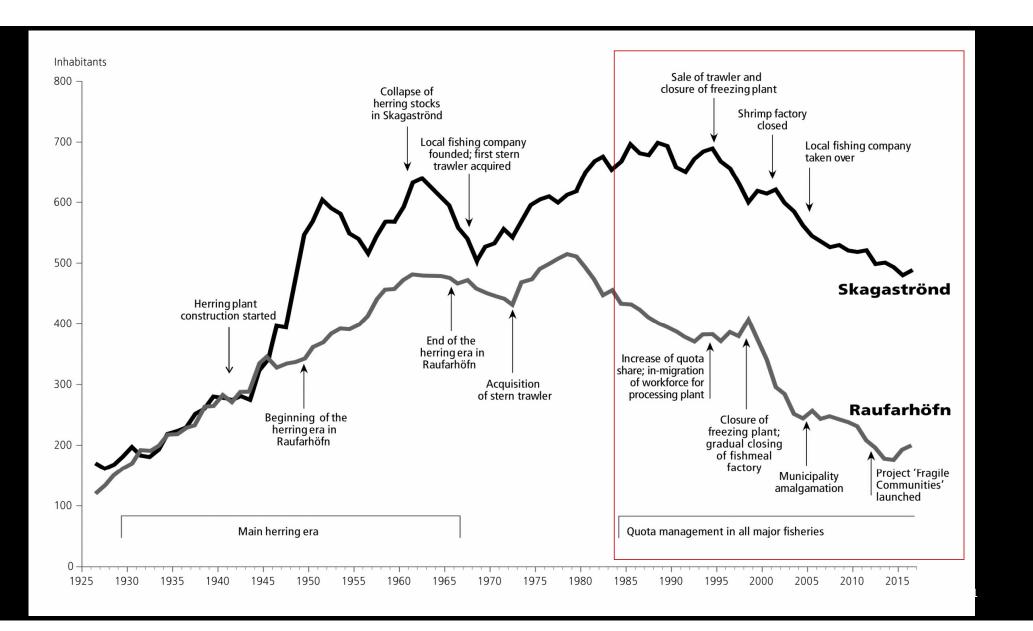
Territorial waters and jurisdiction over fisheries set to 3 M Jurisdiction over fisheries extended to 4 M Jurisdiction over fisheries extended to 12 M Collapse of herring stocks S Jurisdiction over fisheries extended to 50 M -Jurisdiction over fisheries extended to 200 M Z 'Black Report' about the state of cod stocks ш TAC introduced for cod > Vessel quotas introduced for demersal species ш ITQs for almost all demersal and pelagic species Community guotas introduced Coastal Fisheries scheme introduced 1900 10 20 30 40 50 60 70 80 90 2000 10 S Stern trawlers  $\square$ Motorization of fishing fleet Processing trawlers Investment 0 in trawlers introduced (factory trawlers) -R ш ۵. The 'herring adventure' Increasing regulation

Source: Kokorsch & Benediktson, 2018





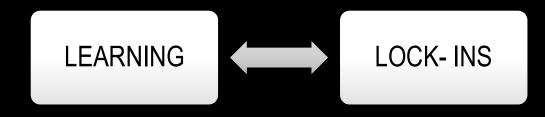




### ADJUSTING & ADOPTING





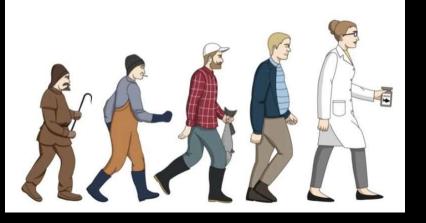


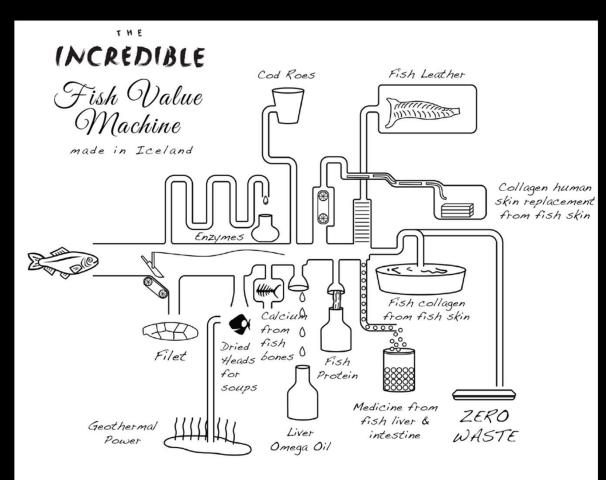


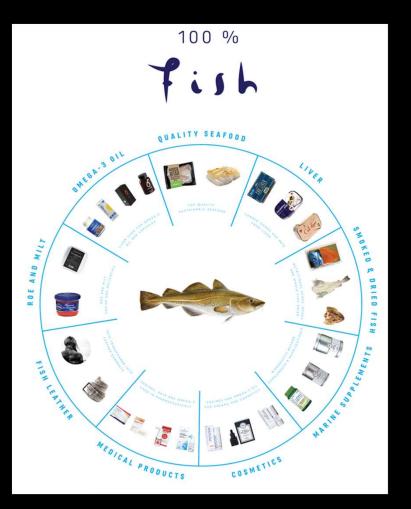


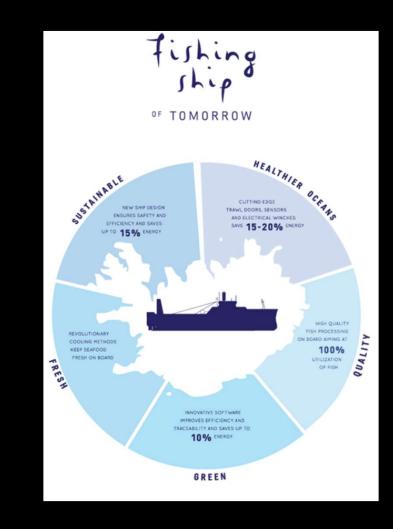
Pictures: fisherman.is/ mbl.is/ sjavarklasin.is

## REORIENTATION & RENEWAL

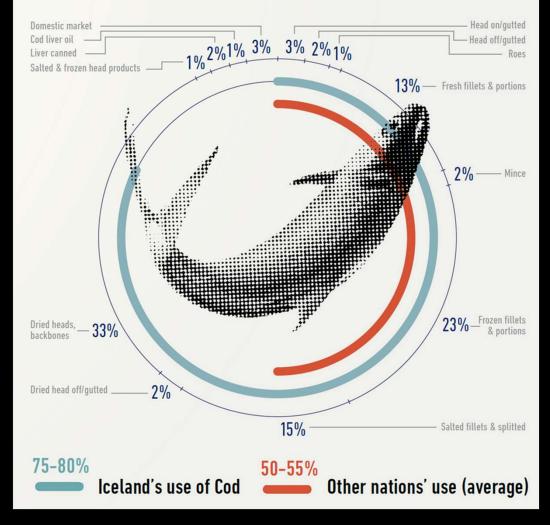


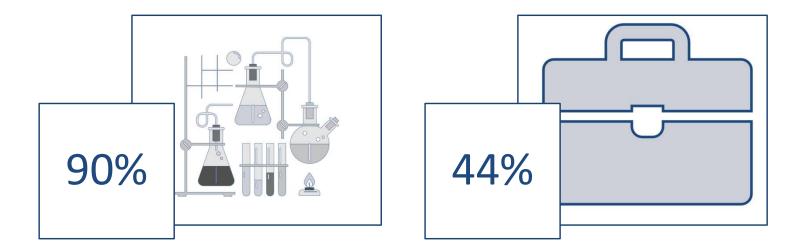


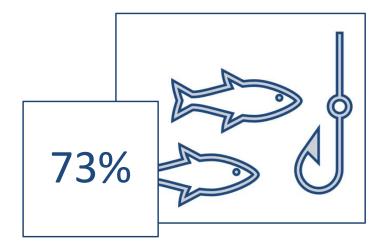


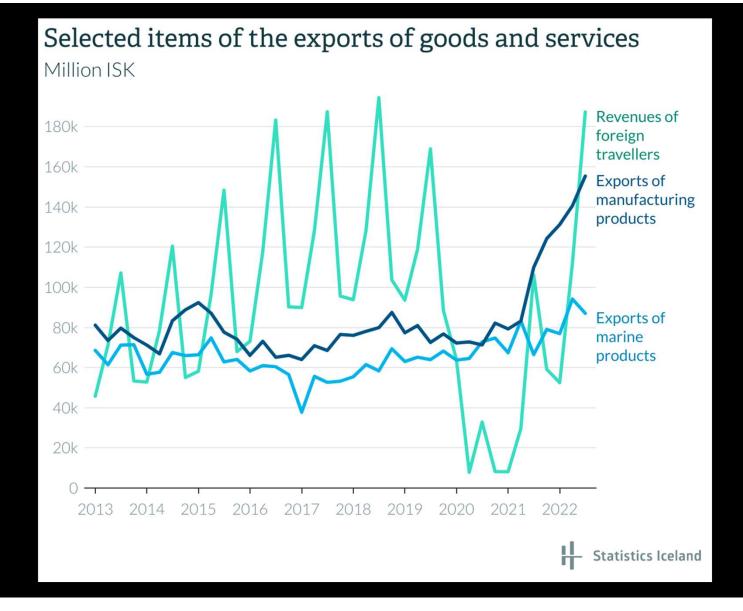


#### **USE OF COD RESOURCE**

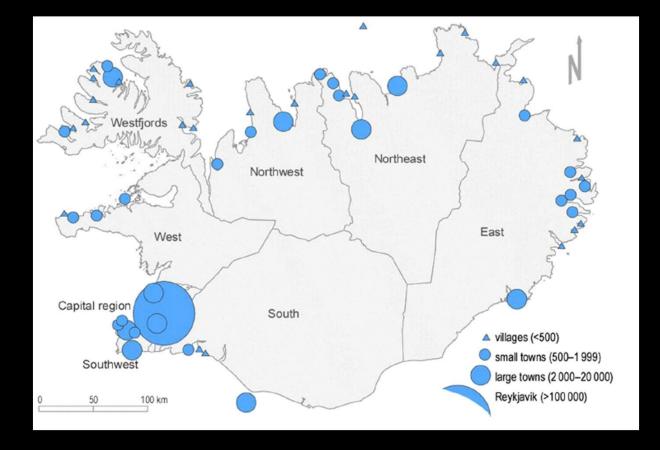








### Challenges for rural development



### Renewal...

### ... or new dependency

### 1,790t in 2010

### 50,000t in 2024

### **Reorientation and renewal...**

AIDA

### ...or new dependencies?



#### WE WELCOME YOU TO OUR FISHING VILLAGE

HOTEL // SEAFOOD TRAIL // BISTRO

Picture: fisherman.is

#### ONLINE CATALOG $\vee$ VISIT US ABOUT FISHERMAN $\vee$ LANGUAGE $\vee$

"A must do tour for all foodies, that are exploring the Westfjords!"

FISHERMAN

#### Fisherman Seafood Trail

Tasty one hour tour for those who like gourmet food and the history behind it.

Experience an authentic Icelandic fishing village and taste high quality Fisherman products first-hand.

Fisherman seafood trail is a fun, tasty and informative 60 minute walk in a Westfjords fishing village. Accompanied by a local, you will get tasty samples of Fisherman products and learn about the daily life in a small fishing village and how the fishing industry has shaped Icelanders over the centuries.

The tour starts at Fisherman welcome center, Aðalgata 15, Suðureyri.

Local guide and tasty seafood treats is included and the tour is in English.

Price: 5,900 ISK (Free for children under 16 years old)

Please email us, **fisherman@fisherman.is** or call: **+354 450 9000** to get more information and book your tour.

**BOOK TOUR** 

Pictures: fisherman.is

### Coastal Tourism: a matter of seasonality & region

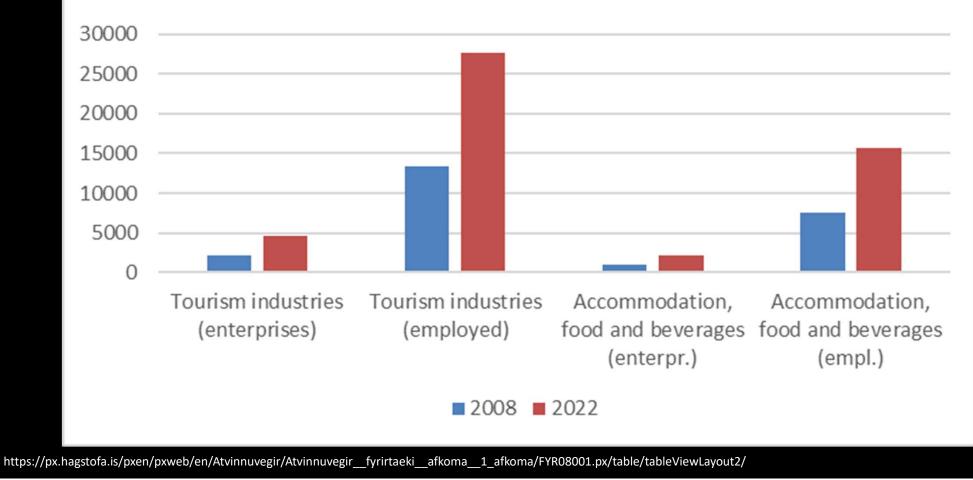
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#### Supply and occupancy rates of hotel rooms



Number of enterprises and operational information by industry and size 2008-2022

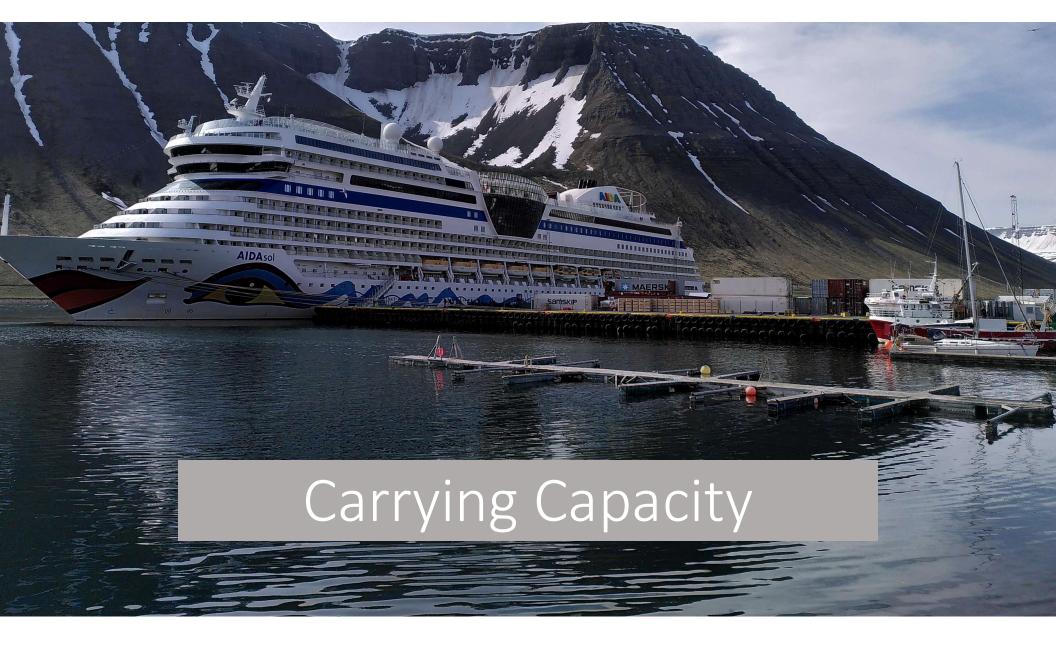


### 2 Generic problems...

### Over-dependency

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### Regional distribution



### Cruise ships in Ísafjörður

7. júlí 2023	12-21	Star Legend	343	190	Ísafjörður
-	8-18	Norwegian Prima	3950	1388	Ísafjörður
-	8-18	Azamara Journey	750	400	Ísafjörður
-	7-19	MSC Grandiosa	6300	1700	Ísafjörður
-	8-17	Zuiderdam	2300	817	Ísafjörður

Screenshot: https://www.isafjordur.is/is/thjonusta/samgongur/hafnir/skemmtiferdaskip/skemmtiferdaskip-2023



#### **Coastal Fisheries**

- 2009
- May September
- Small boats & jigging
- Strict temporal and spatial limits
- Around 2% of TAC

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#### **Regional Quotas**

- **2003**
- 5- 8000t/ year
- Around 45 villages apply
- Max of 300t CFE/ village



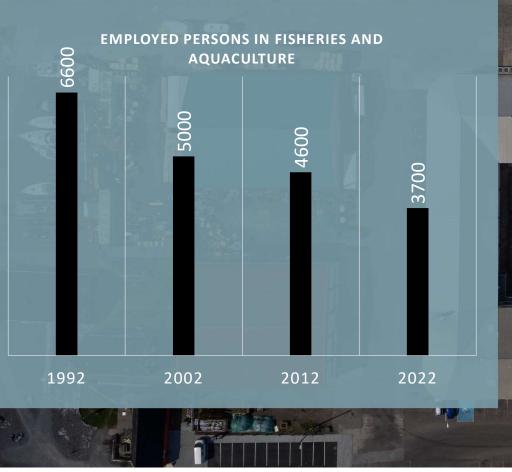
#### **Coastal Fisheries**

- Increased landing during summer
- Does not attract newcomers
- No year-round processing
- Olympic fishing
- Regional (in-)justice
- Very unreliable

#### **Regional Quotas**

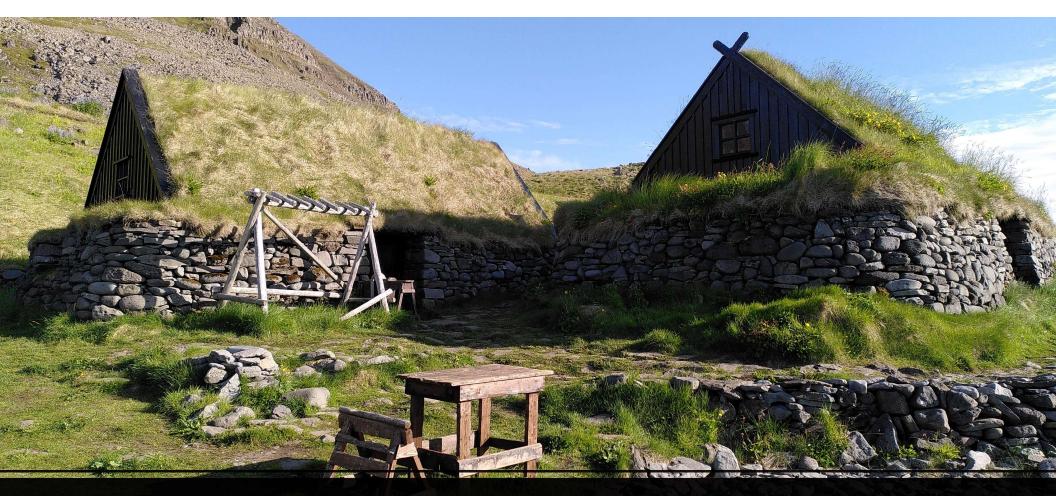
- Distributional (in-) justice
- Used for tourism activities
- Tension among fisher





#### Number of boats

- Decreasing number of vessels (loss of 300 in past 20 years)
- Trawlers from 73 to 42
- One exception: undecked vessels in Westfjords: from 151 to 236



Future of small and remote communities?

#### Socio-Economic stressor

Lack of substantial funding Outmigration & fluctuation Mono-dependency on single industry Over-embeddedness High costs (e.g. transportation)

#### COMMUNITY RESILIENCE

... is the ability of a community to cope and adjust to stresses caused by social, political, and environmental change and to engage community resources to overcome adversity and take advantage of opportunities in response to change (Amundsen, 2013)

#### **Political stressor**

Insufficient support system for innovation Growth orientation Focus on short term solutions Institutional inertia Local impact of climate crisis Challenging natural environment Transportation issues in winter months Uneven distribution of natural

resources

Environmental stressor

Fig. 1. Community Resilience in the context of different external stressors and local obstacles in Iceland.

Endogenous obstacles

Lock- in (e.g. Cognitive lock in)

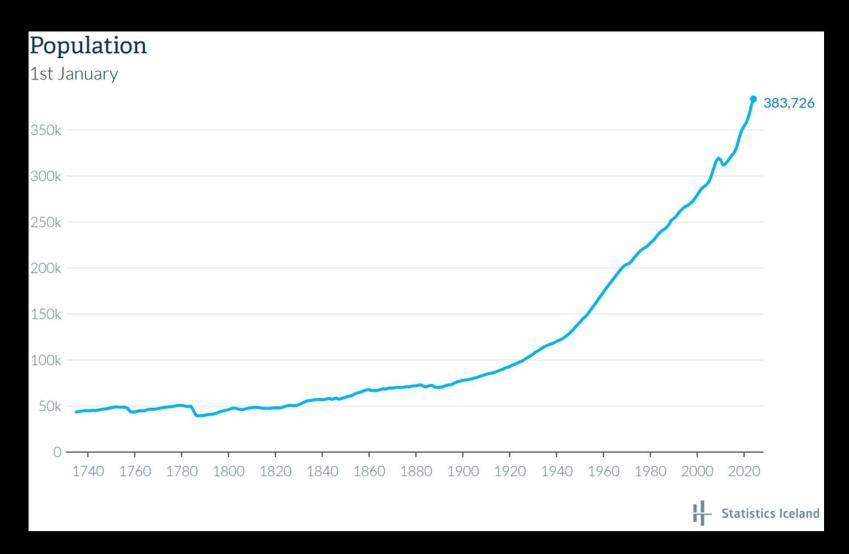
Lack of self-efficacy

Brain drain

OVer-reliance on local networks

Crusted structures

### Future directions



https://statice.is/statistics/population/inhabitants/overview/

#### Majority of Residents in Mýrdalur Are Foreign Citizens



Vík í Mýrdal. Morgunblaðið/Sigurður Bogi

Foreign citizens make up more than half of the population of the municipality Mýrdalur, South Iceland, according to new figures from Statistics Vala Hafstað vala@mbl.is

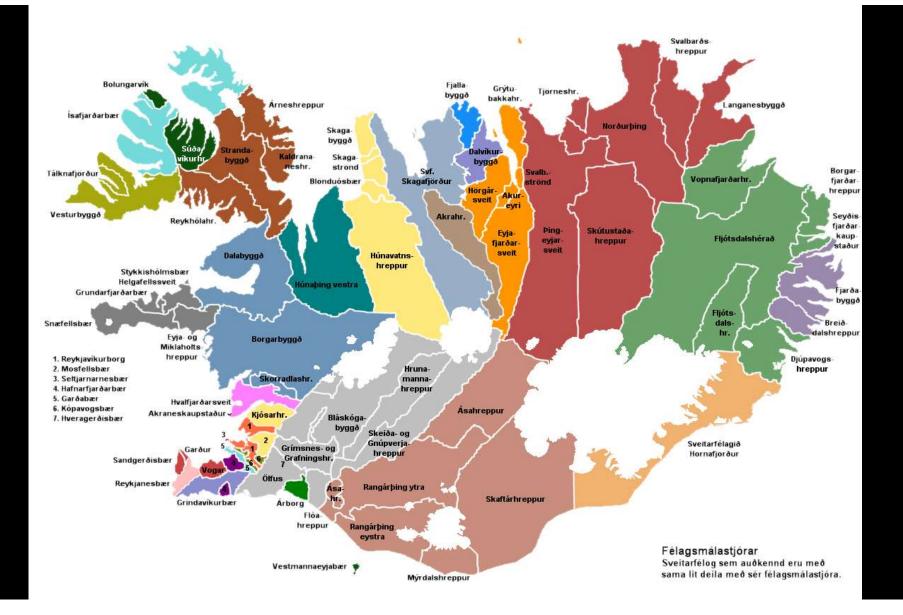
Iceland, *Morgunblaðið* reports. They constitute 51 percent of the population, or 412 residents out of a population of 808. Of those 808, about 540 people live in the village Vík, which is a major tourist attraction.

	Total	
	2023	
Reykjavíkurborg	Total	35,017
Bolungarvíkurkaupstaður	Total	281
Ísafjarðarbær	Total	883
Mýrdalshreppur	Total	507
Skaftárhreppur	Total	279

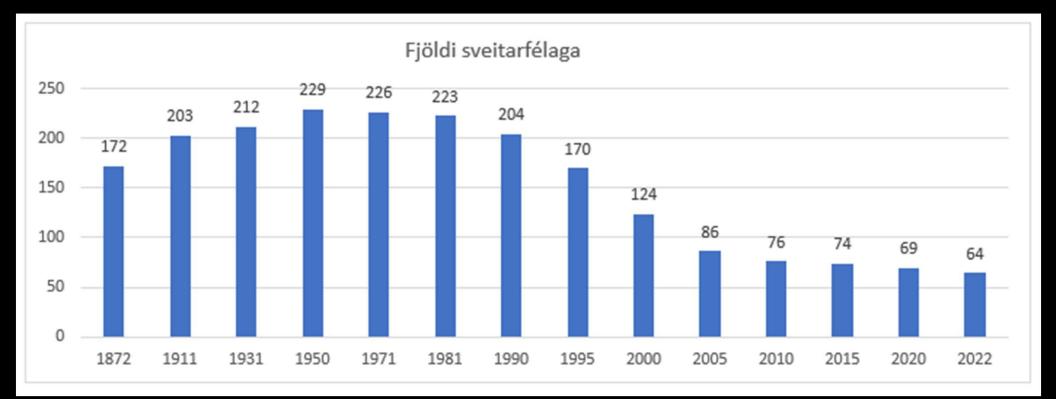
	Percentage
1990	1.9
2004	3.5
2010	6.8
2024	16.6

Source: Söderström, O., & Mermet, A. C. (2020). When Airbnb sits in the control room: Platform urbanism as actually existing smart urbanism in Reykjavík. Frontiers in Sustainable Cities, 2, 15./ screenshot: https://icelandmonitor.mbl.is/news/culture\_and\_living/2022/01/17/majority\_of\_residents\_in\_myrdalur\_are\_foreign\_citiz/

		Number of localities	Total population	Percent of population
2024	Population 100.000 and over	1	239,733	62.5
	Population 10.000 - 99.999	2	41,694	10.9
	Population 5.000 - 9.999	2	18,030	4.7
	Population 2.000 - 4.999	10	28,336	7.4
	Population 1.000 - 1.999	12	16,7 <mark>1</mark> 0	4.4
	Population 500 - 999	14	9,868	2.6
	Population 300 - 499	10	3,838	1.0
	Population 200 - 299	12	3,132	0.8
	Rural areas	34	22,385	5.8



### Number of municipalities in Iceland



https://www.samband.is/wp-content/uploads/2022/05/sveitarfelog2022.png

### Municipality Mergers

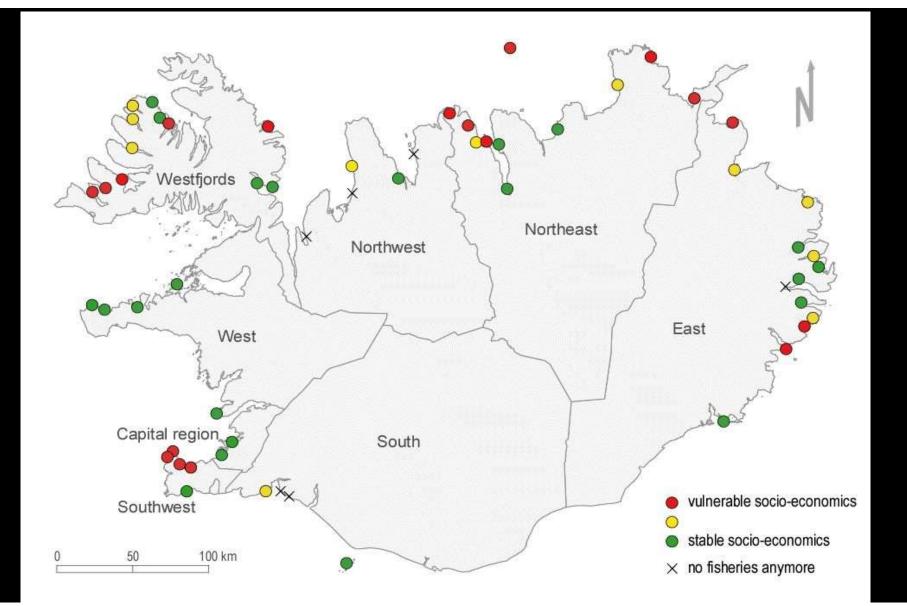


### Tasks of municipalities

Education
Social services
Infrastructure
Anything else?



Taxes
Subsidies
Private investors



# Which challenges come with mergers?

#### Workshop on municipality mergers - Your task

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You will work in groups and discuss whether the town called Sjávarbyggð should merge with the one of the other municipalities in the region (Eldfjallafjörður and Jöklabær).

For making an informed decision, you will receive some key figures on socioecomics, demographics and the local industry, as well as one short text about the town Sjávarbyggð. Take a close look at the financial situation of Sjávarbyggð. In case you recommend not to merge: what opportunities do you see to overcome the financial constraints?



#### THANKS FOR LISTENING

### CONTACT INFO

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