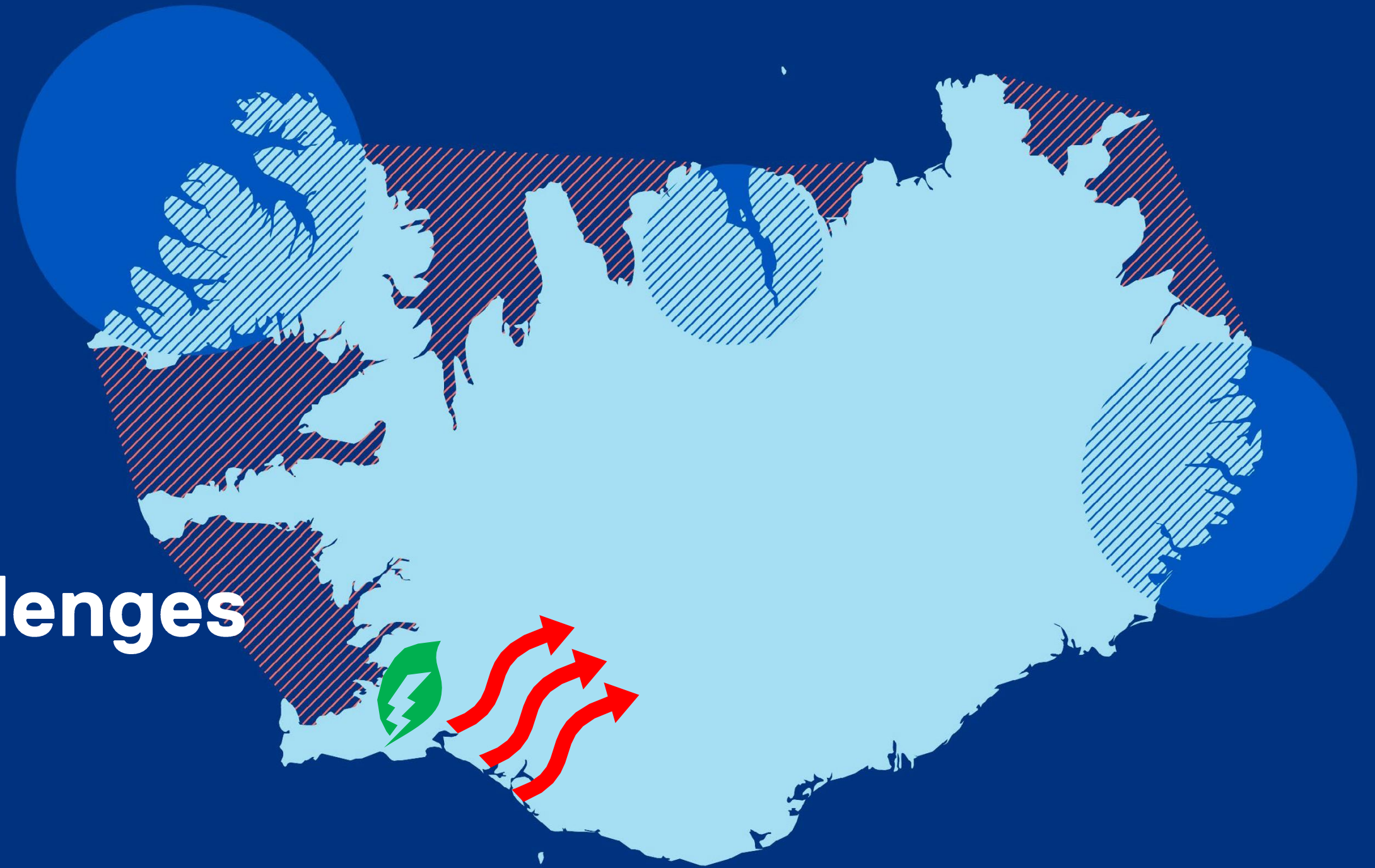


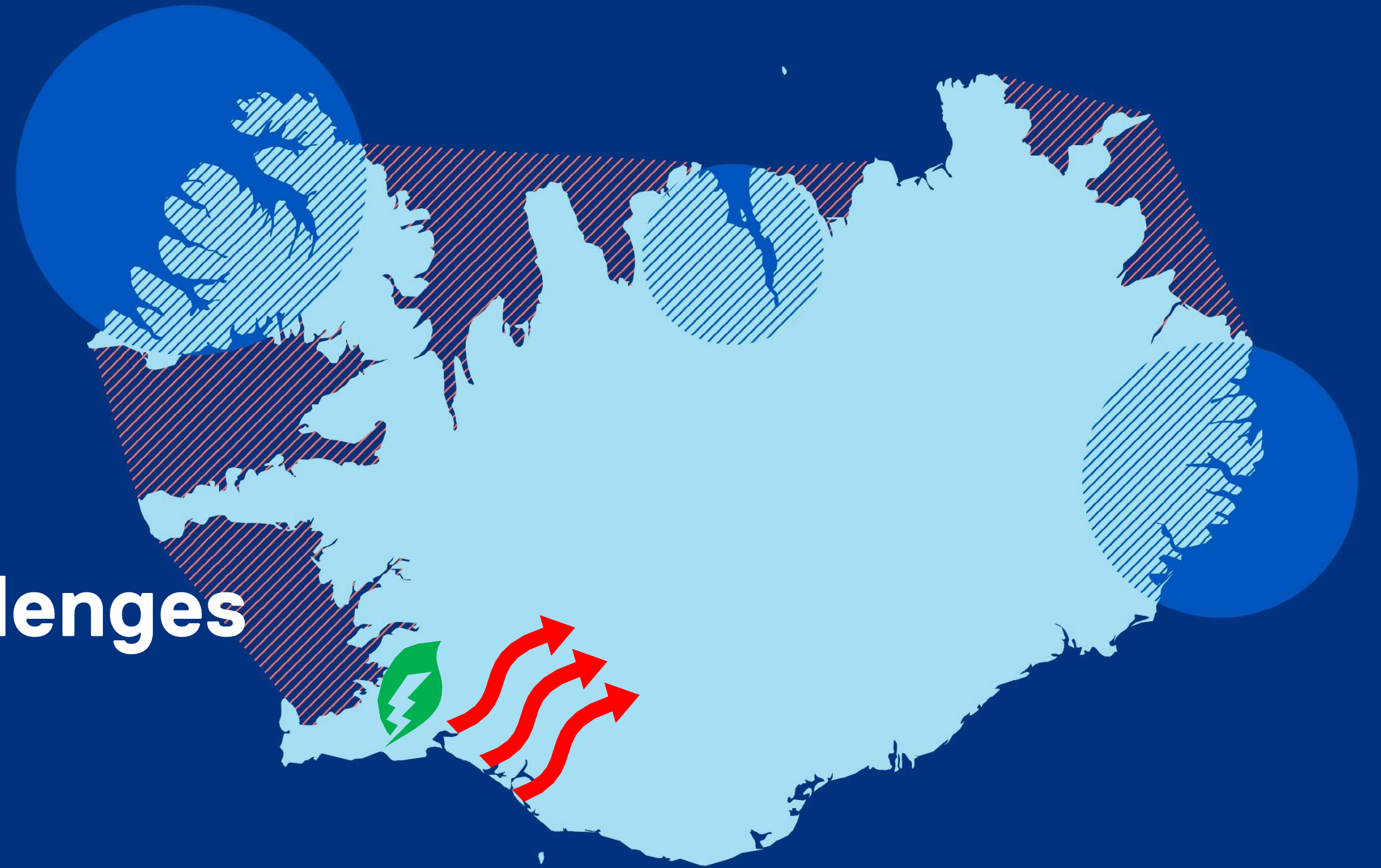
Large smolt production in Iceland

Siggi Petursson
Founder of Arctic Fish and LAX-INN education center

Opportunities and challenges

- Geothermal heat for water and sea
- Green energy
- Good access to borehole water and sea
- Cold and pristine sea

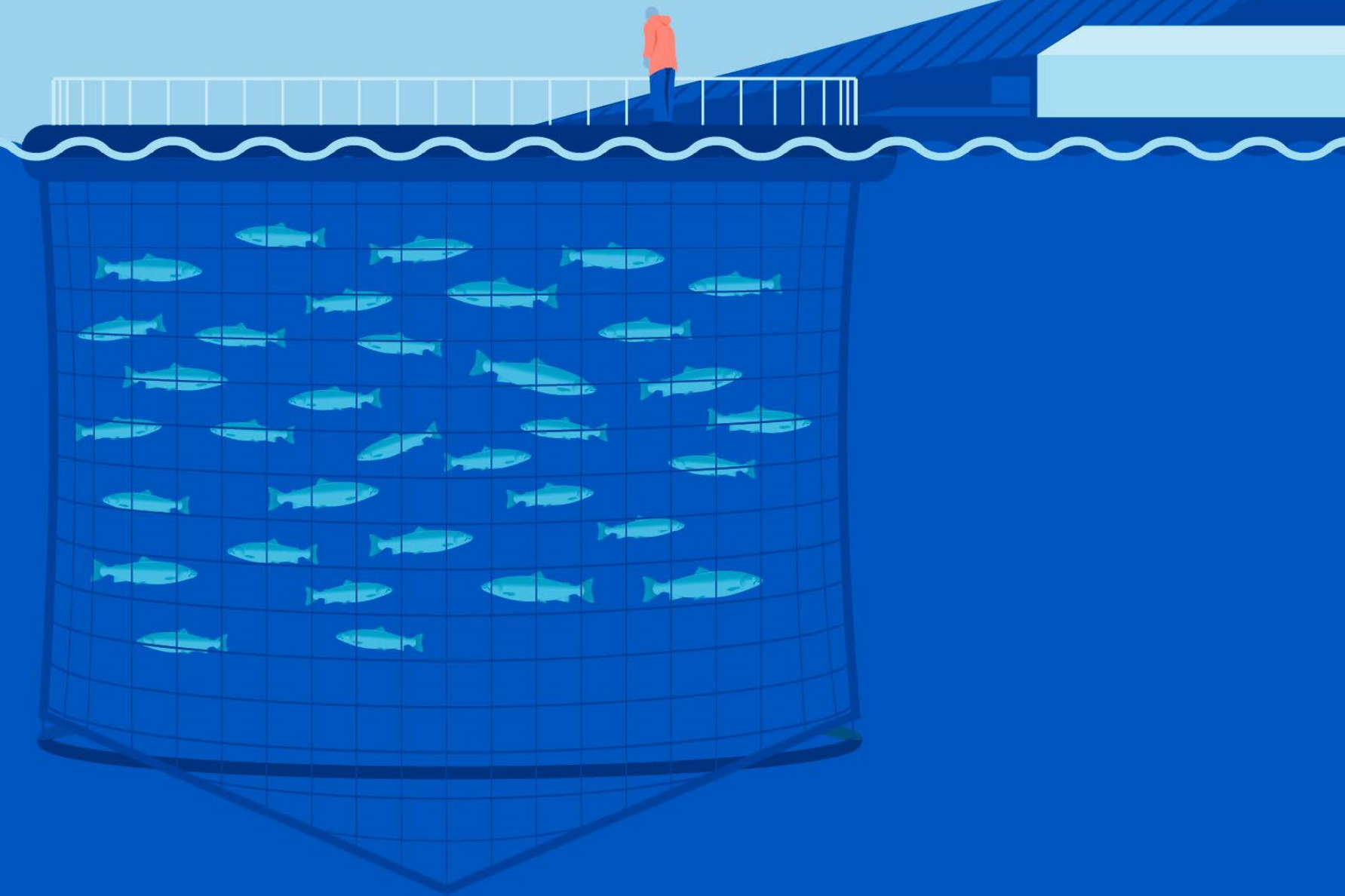




Opportunities and challenges

- Geothermal heat for water and sea
- Green energy
- Cold and piscine sea
- Good access to borehole water and sea
- Main geothermal areas far from sea sites
- Large smolts way to meet cold sea sites
- Challenges in transportation of large smolts
- RAS setup close to sea farming areas is possible

Results using large smolts from RAS hatchery close to sea farming sites



2020*

- Salmon harvested by Arctic Fish in October 2020 spend only 16 months in the sea and reached an average weight of 6.5 kg
- Had a TGC of 3.38 at the end of production
- The smolts were 270-gram on average when put to the sea on 28th May 2019

2021**

- Spring output (May):
 - Cumulated in October: 99% survival rate
 - Average monthly mortality: 0,2% vs. 1% industrial average
- Fall output (August):
 - Cumulated in October: 99,8% survival rate
 - Average monthly mortality: 0,01% vs. 1% industrial average

Key



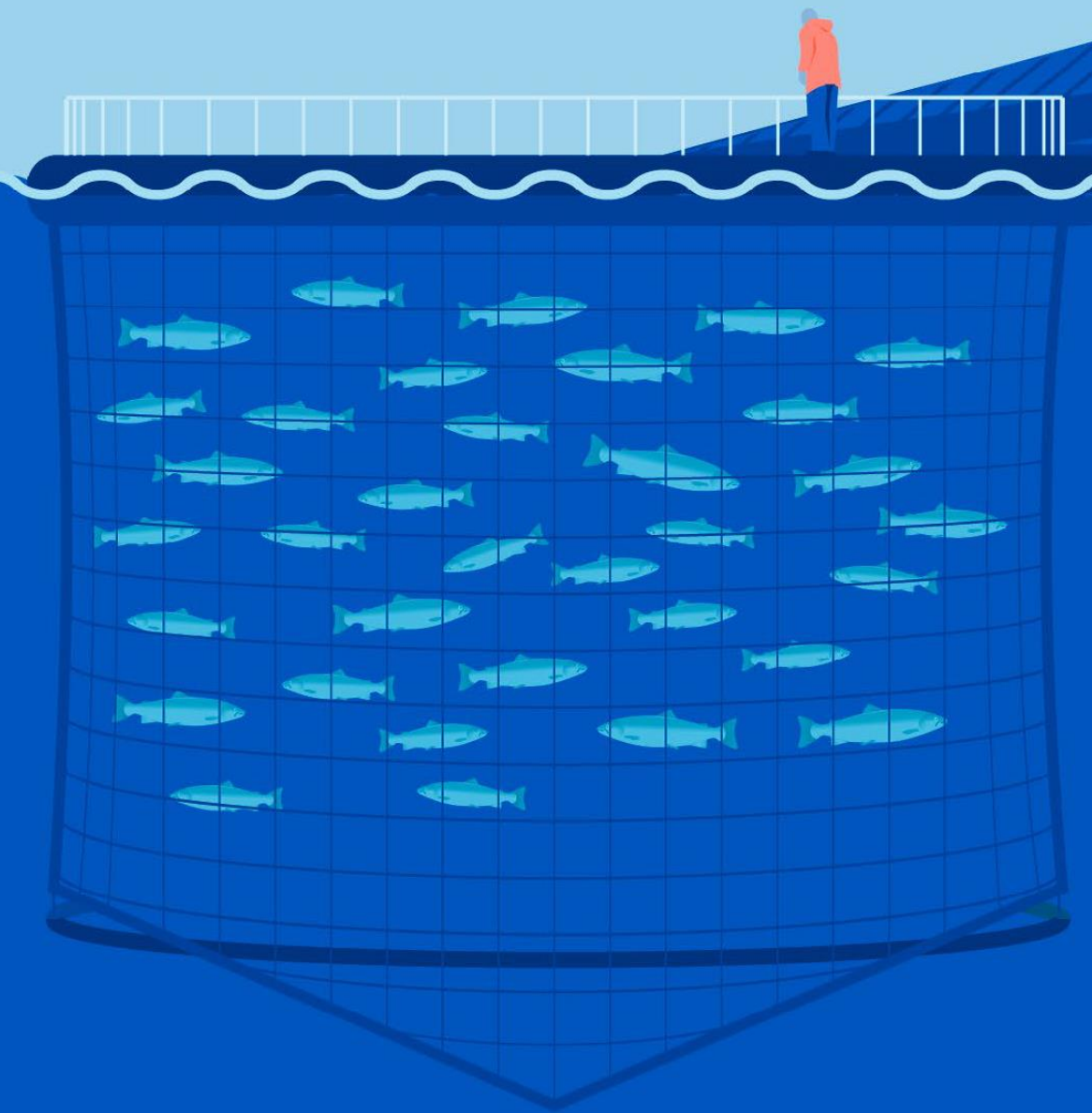
Good staff



Adaptation to environment



Concept with large smolts in RAS close to sea sites



Questions?

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