



Samfélagsleg ábyrgð
í sjávarútvegi

2.-3. NÓVEMBER Í HÖRPU

Í átt að hringrás

Umhverfisáhrif umbúða



HAMPIÐJAN



HÁSKÓLINN Í REYKJAVÍK
REYKJAVÍK UNIVERSITY

ICELANDAIR
CARGO

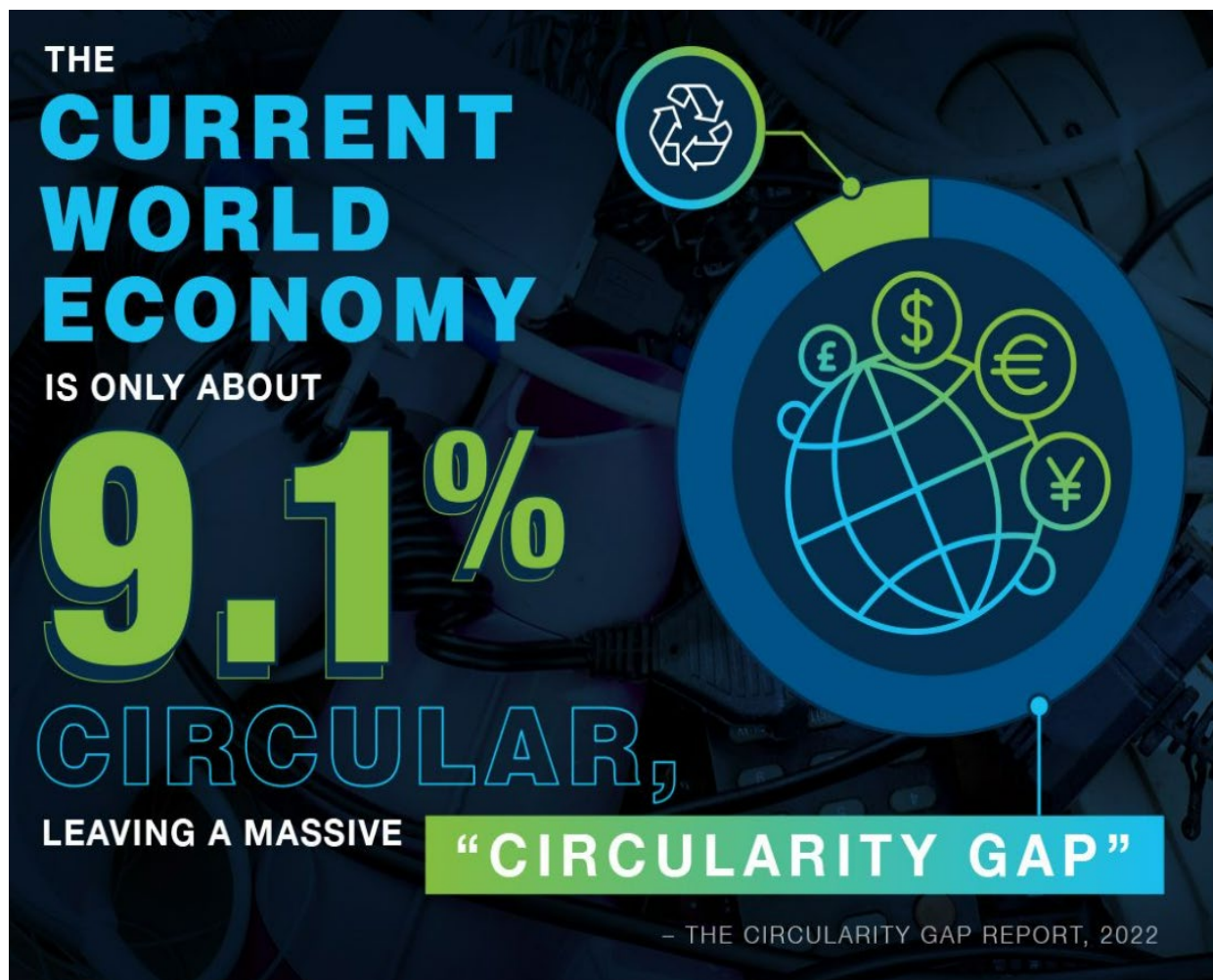
ISI ICELAND
SEAFOOD



Pipar \ TBWA



SJÁVARÚTVEGS
RÁÐSTEFNAN
2023



8,5%

Hringrásar- hlutfall

Holland	24,5%
Austuríki	9,7%
Ísland	8,5%
Svíþjóð	3,4%
Noregur	2,4%

91%

Auðlindir



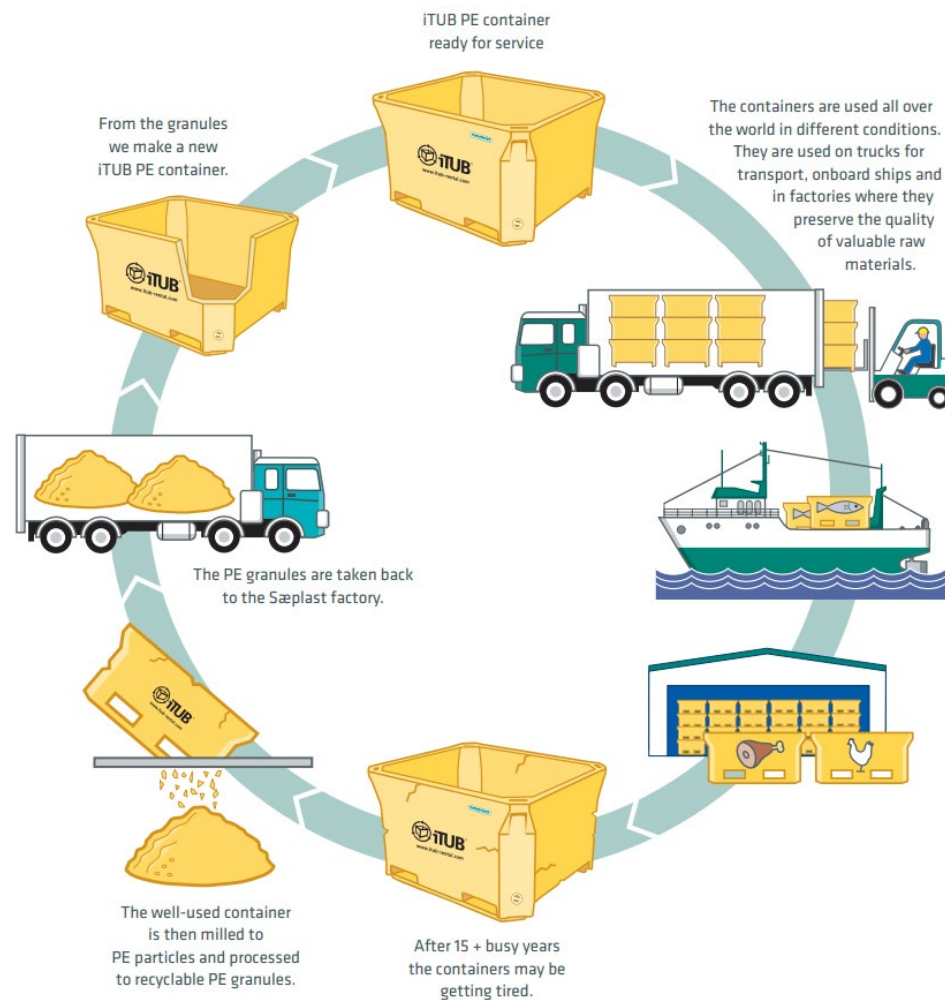
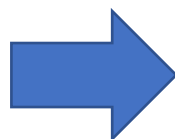
Framleiðsla



Notkun



Förgun



1940



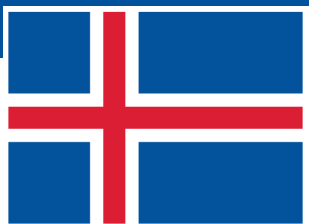
1960



1970







1000L



70 cm

660L



60 cm

460L



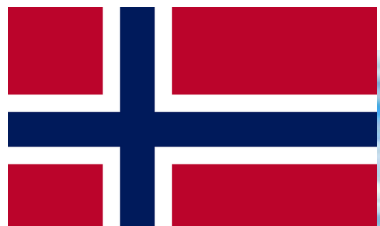
40 cm

80%
hringrás &
deiliahagkerfi

290L



31 cm



2022

1,5 milljón tonn



SJÁVARÚTVEGS
RÁÐSTEFNAN
2023



MARKS &
SPENCER



Waitrose



Sainsbury's



SJÁVARÚTVEGS
RÁÐSTEFNAN
2023

MOWI
SCOTLAND

2021: 29%
2022: 36%

EPS

↓
40%

CO₂

↓
78%

Umhverfisáhrif umbúða



460L
Fiskiker



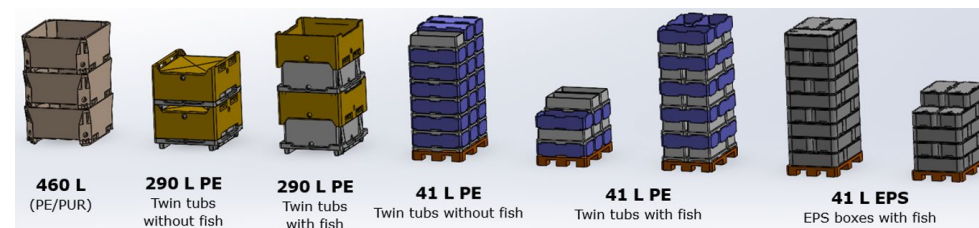
290L
Laxaker



22KG
Frauðkassi

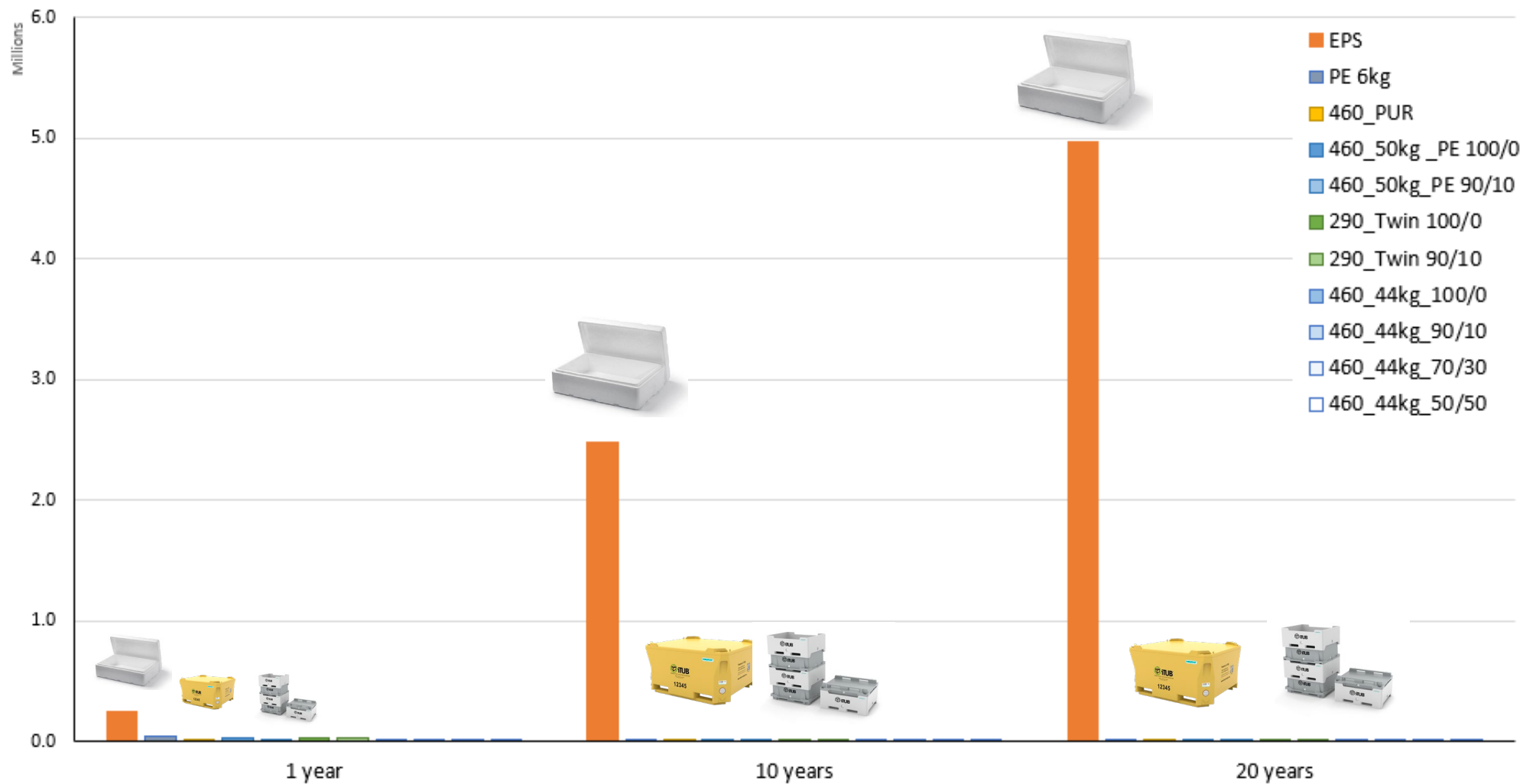


- LCA – nóvember 2023
- Guðrún Svana Hilmarsdóttir, lektor í matvæla- og næringardeild HÍ
- Ólafur Ögmundsson, lektor í matvæla og næringardeild HÍ

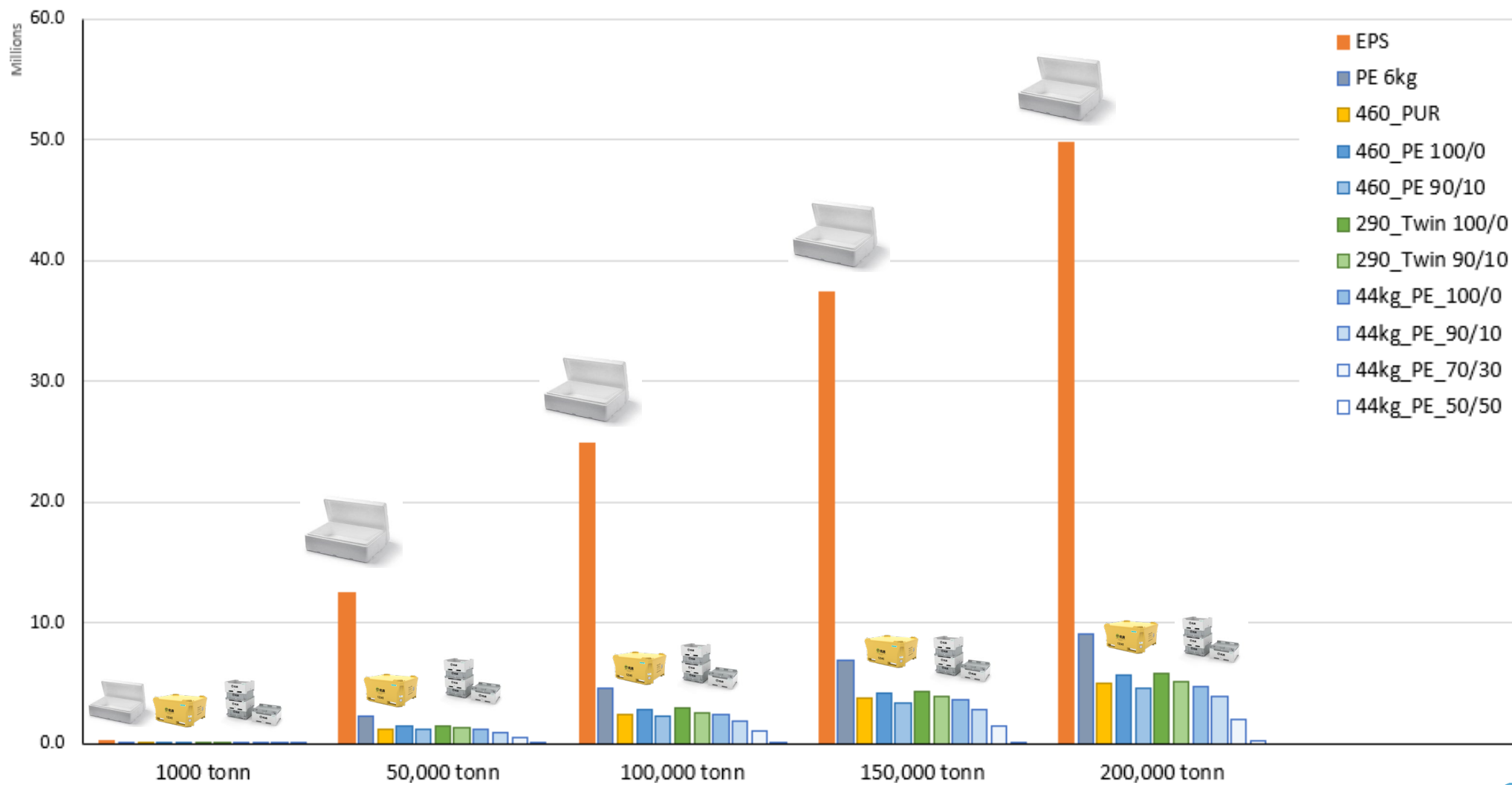


Kolefnislosun Kg CO₂

1.000 tonn af fiski frá Íslandi til Evrópu

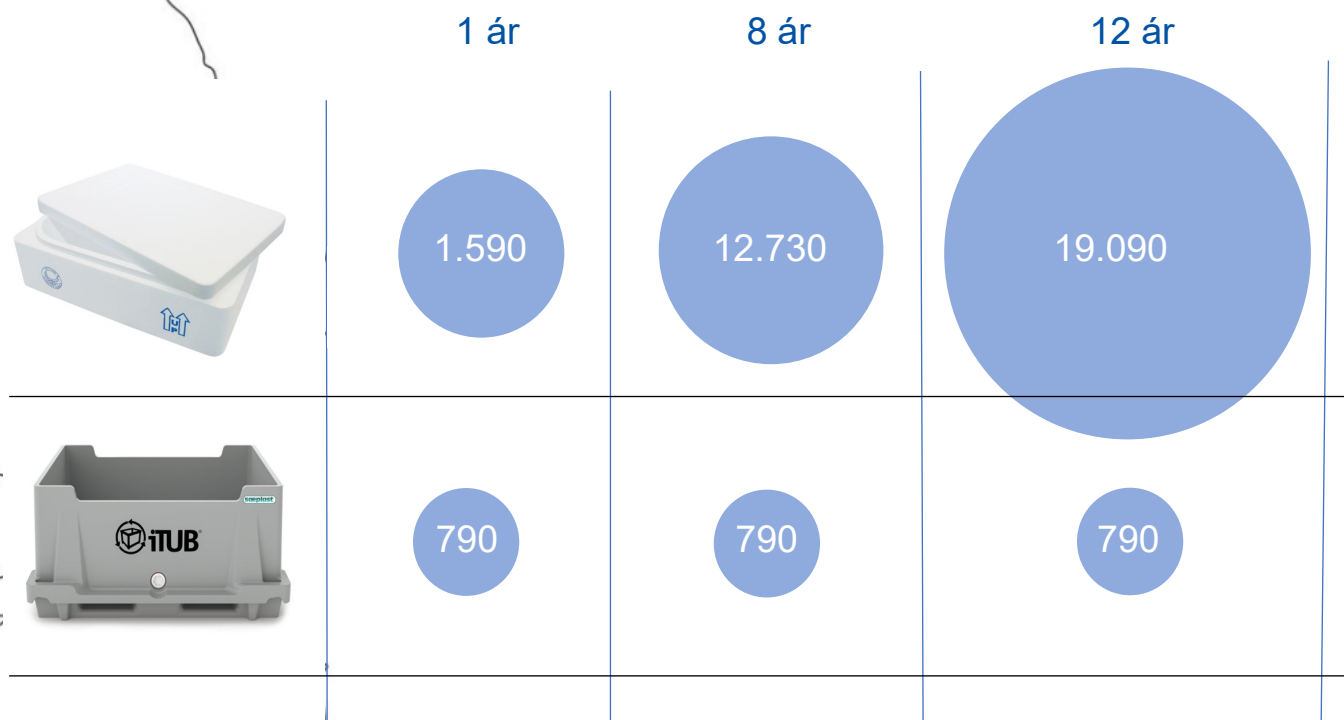
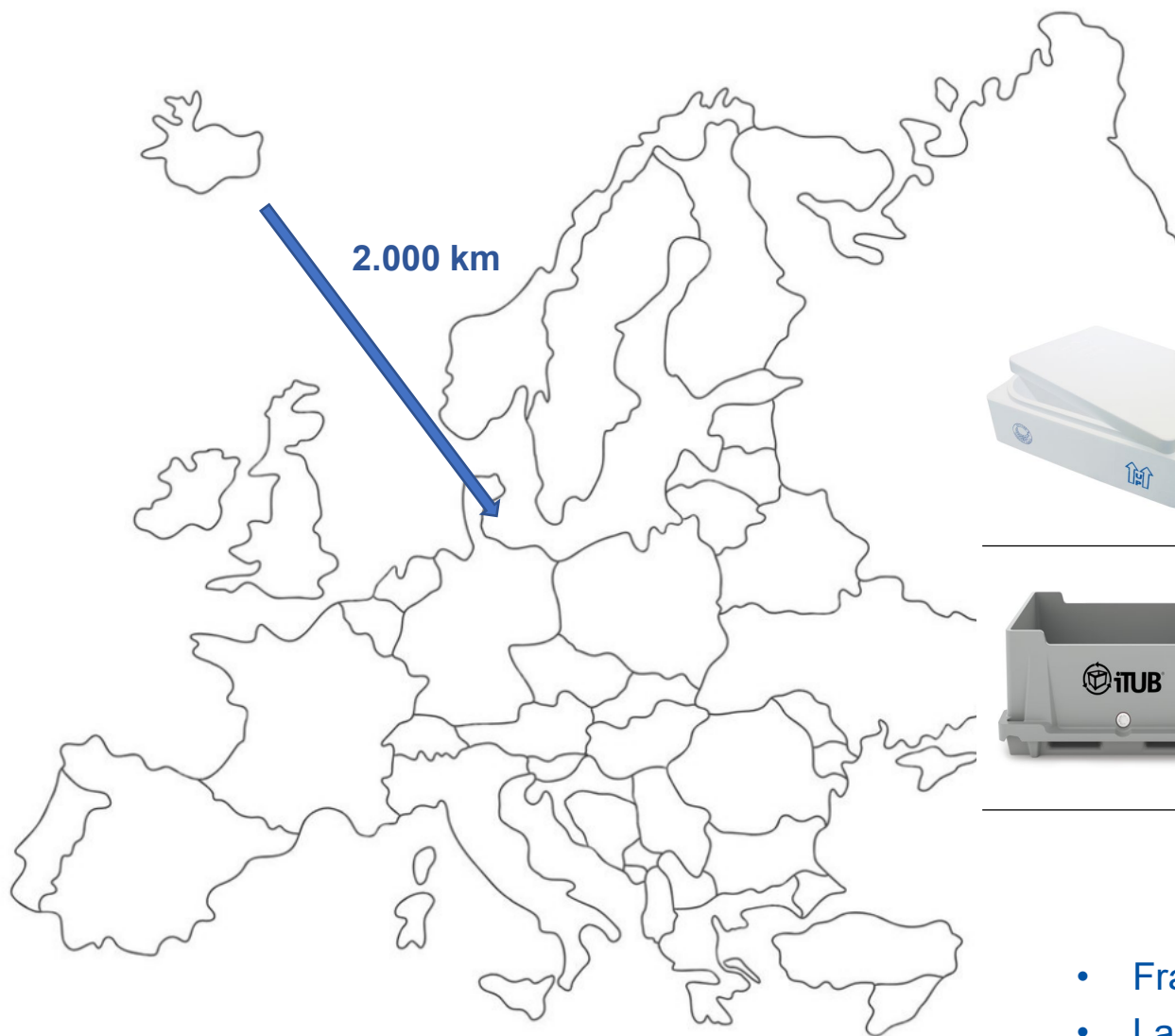


Kolefnislosun Kg CO₂

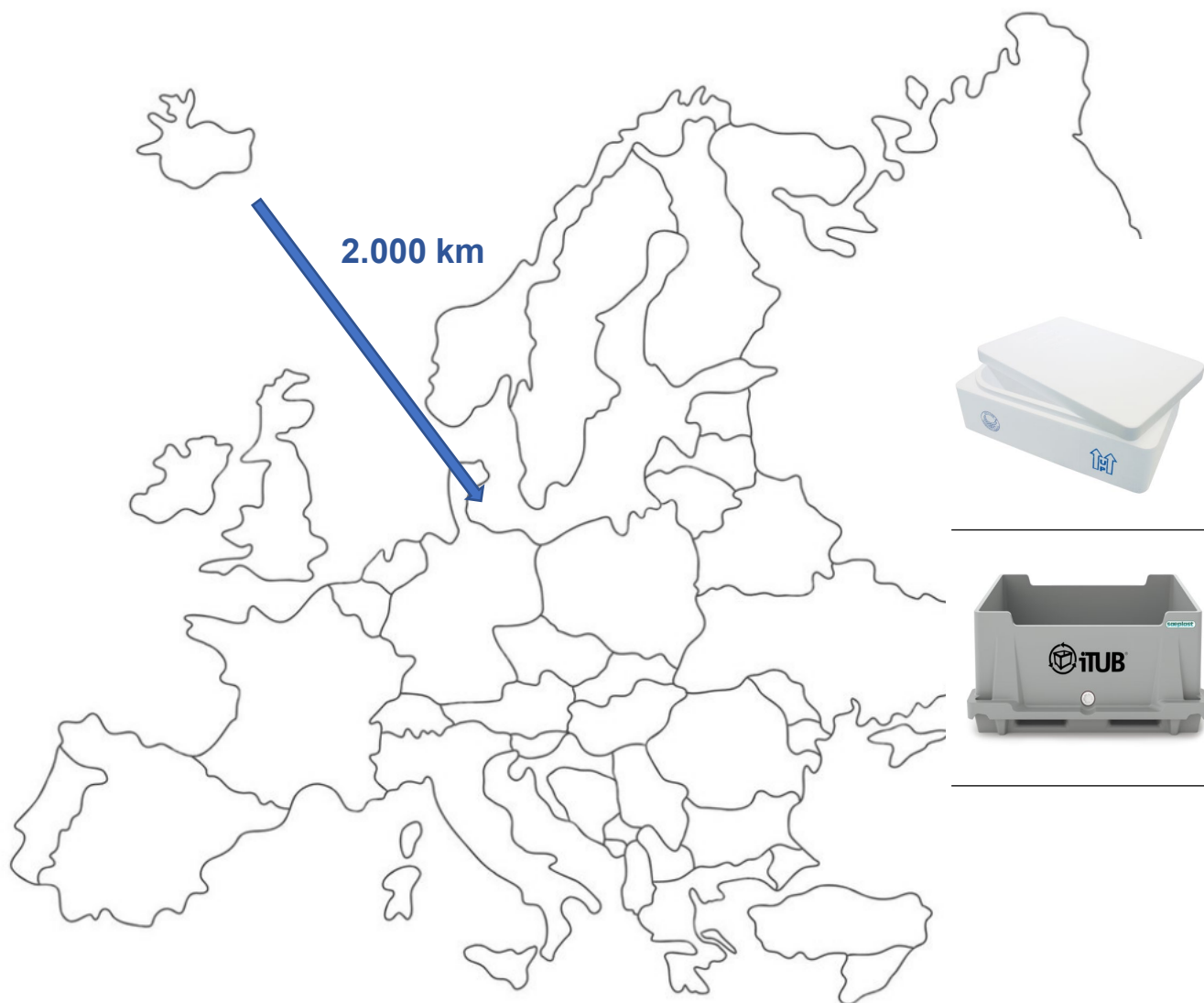


Plastnotkun (tonn)

50,000 tonn af laxi

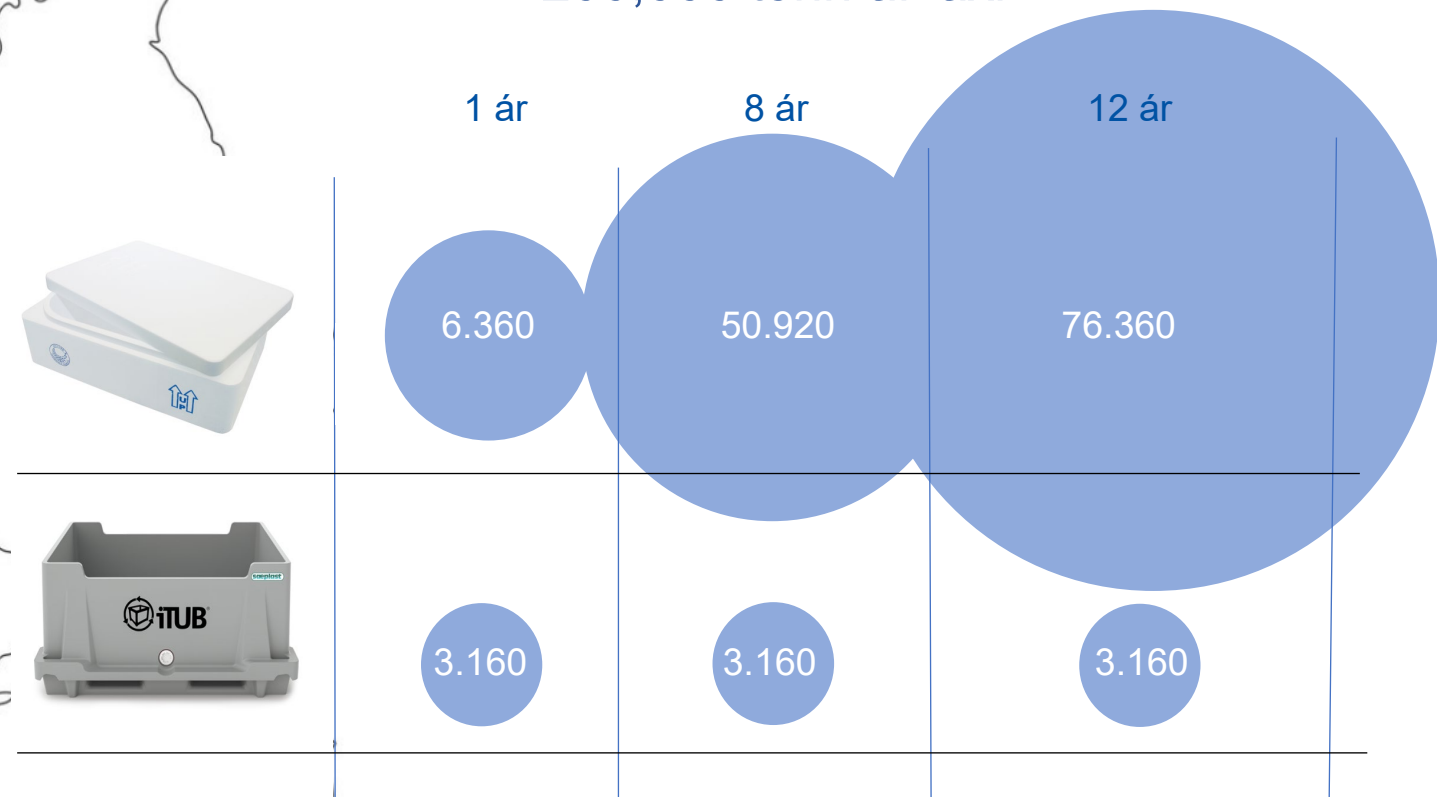


- Frauðkassi – 0,7kg (22 kg)
- Laxaker – 38kg (200 kg)

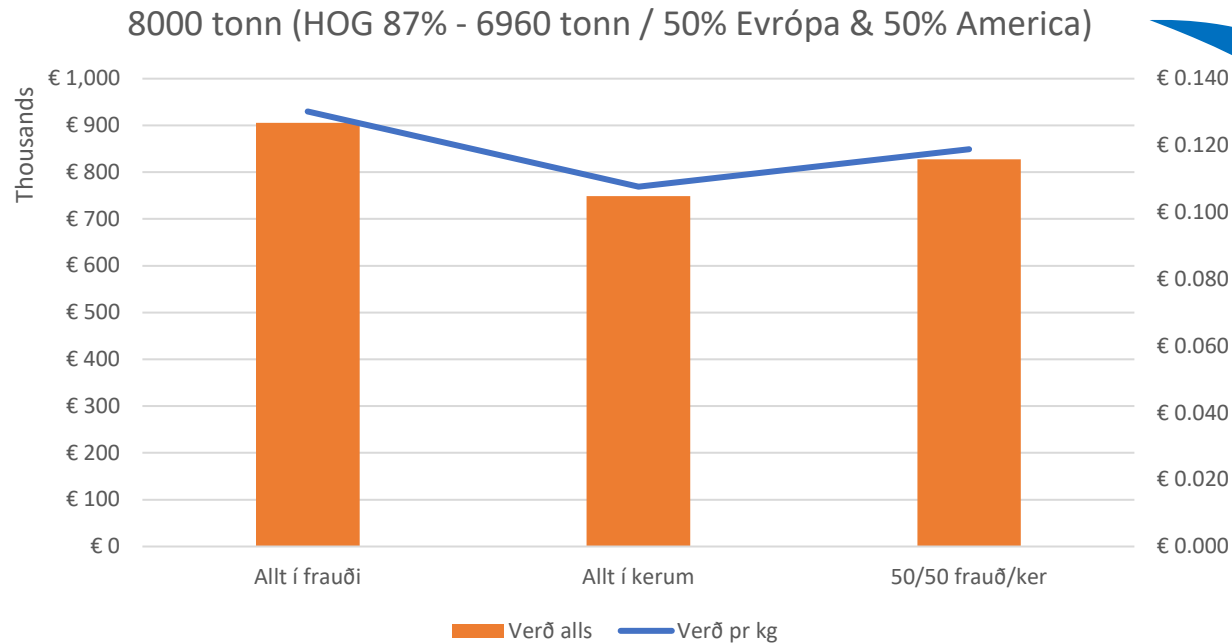


Plastnotkun (tonn)

200,000 tonn af laxi



Kostnaður – Tvíburaker vs EPS kassar



Flutningksotnaður út + umbúðakostnaður

Slurry ís

Verð pr kg		
Flutningur	Umbúðir	Alls kostnaður
Twin-ker	€ 0.123	€ 895,262
Frauðkassi	€ 0.167	€ 1,166,263
Samtals		€ 2,061,525
Samtals ISK		309,228,745 kr
Sparnaður í % miðað við 100% frauð		-12%

Flutningksotnaður út + umbúðakostnaður

Flögu ís

Verð pr kg		
Flutningur	Umbúðir	Alls kostnaður
Twin-ker	€ 0.112	€ 856,439
Frauðkassi	€ 0.167	€ 1,166,263
Samtals		€ 2,022,702
Samtals ISK		303,405,306 kr
Sparnaður í % miðað við 100% frauð		-13%

- ✓ 80% lægra kolefnisspor
- ✓ 10-25% lægri flutningskostnaður
- ✓ 100% hringrásarmódel
- ✓ Markaðsforskot
- ✓ Minna geymslupláss

