

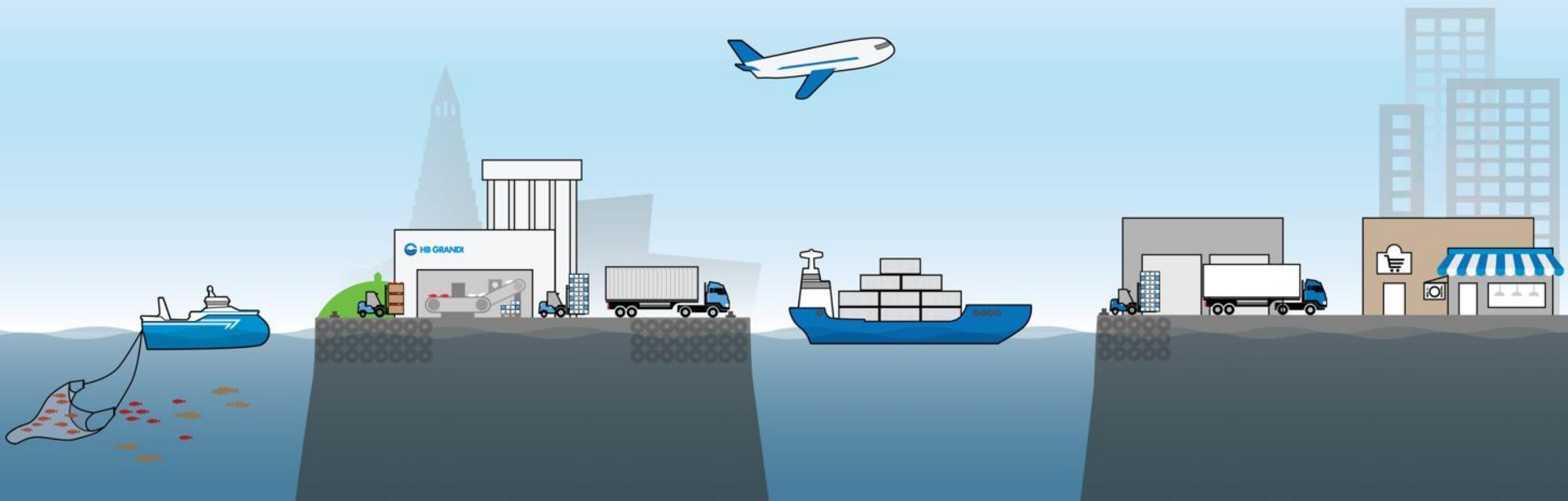


Hrein virðisikeðja sjávarútvegs

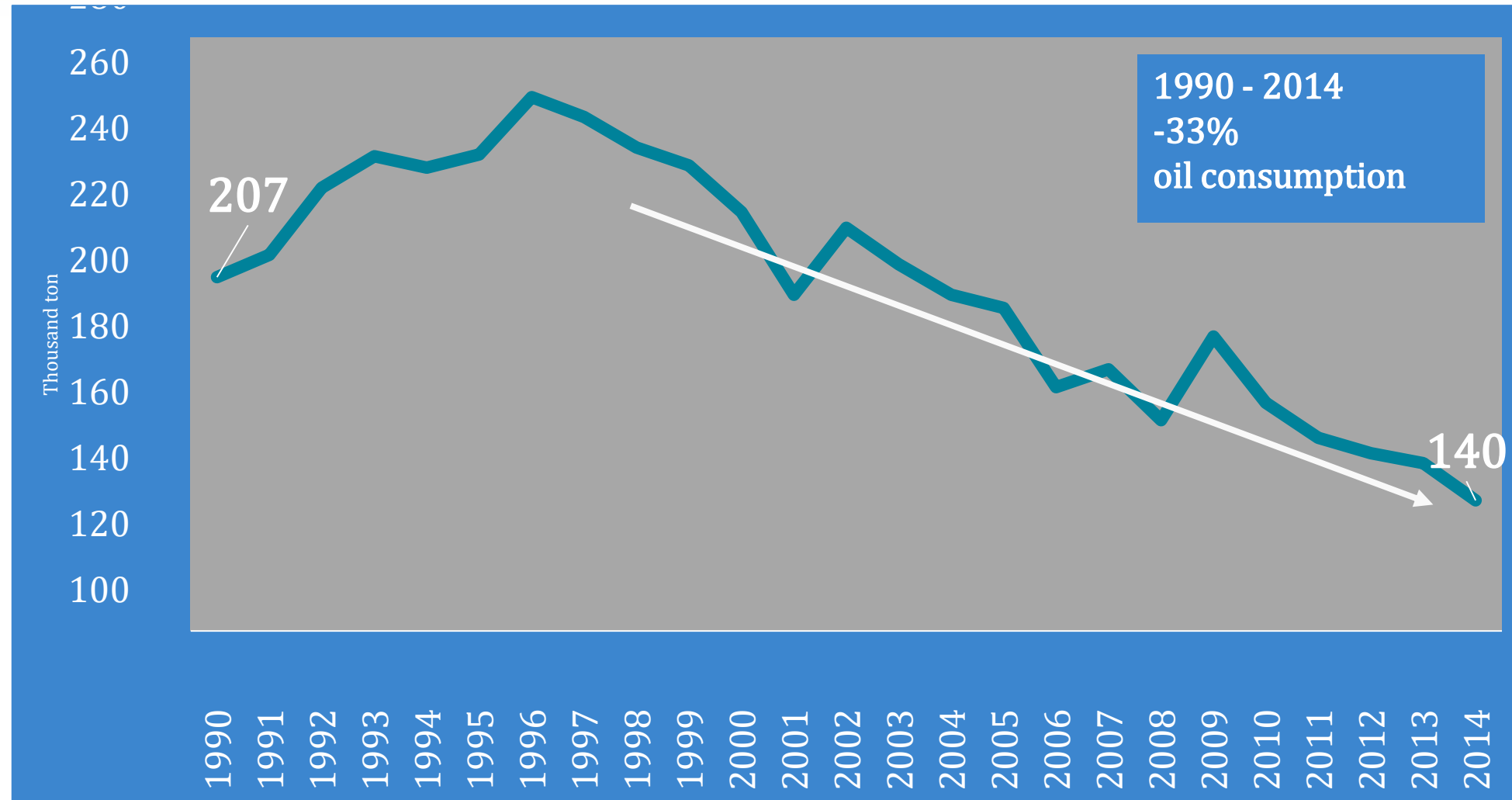
HB Grandi

30.03.2016

Cleaner value chain in fisheries



Oil consumption in the Icelandic fishing fleet: 1990 - 2014



Hrein virðisdeðja sjávarútvegs

Markmið og aðgerðir

- Tryggja að mengun verði sem minnst frá veiðum til neytanda.
 - **Safna gögnum** frá öllum starfsstöðvum
 - **Mæla** umhverfisáhrif frá öllum starfsstöðvum
 - Skapa **rafræna** og **sjálfvirka** gagnasöfnun frá öllum starfsstöðvum
 - Skapa þekkingu meðal starfsfólks



Sorpfasi



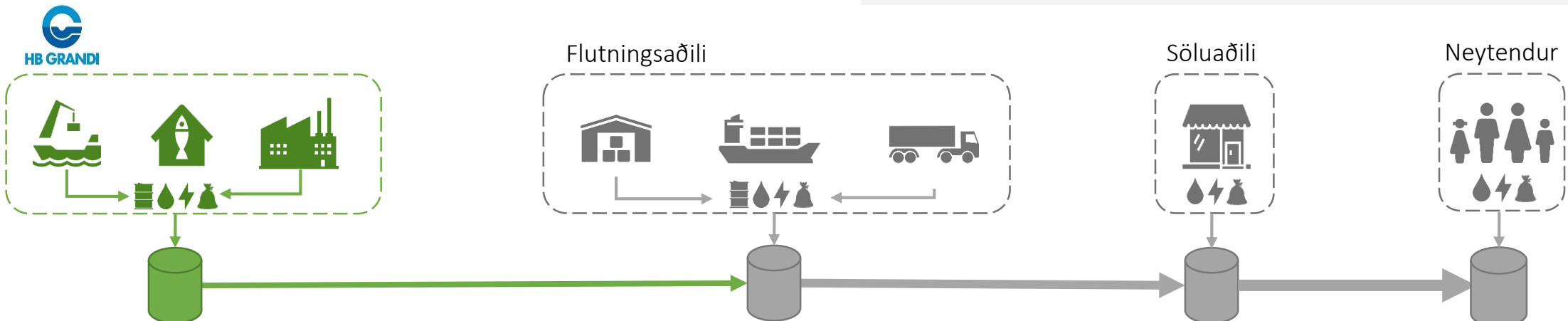
Eldsneytisfasi



Rafmagnsfasi



Vatnsfasi





Sorpfasi

Staða á einingum

Starfsstöðvar



Ásbjörn RE 50



Venus NS
150



Örfirisey RE 4



Svanur RVK
Flokkunarstöð



Purrkun AK



FMV VPN



Helga María AK 16



Víkingur AK 100



Aðalskrifstofur
RVK



BF Vinnsla
AK



Vignir G. J. AK



US Vinnsla
VPN



Ottó N. Þ. RE 203



Höfrungur III
AK 250



BF Vinnsla RVK



US Vinnsla
AK



Kistan AK
Flokkunarstöð



Sturlaugur H. B.
AK 10



Þerney RE 101



Ísbjörninn RVK



FMV AK



Norðanfiskur
AK

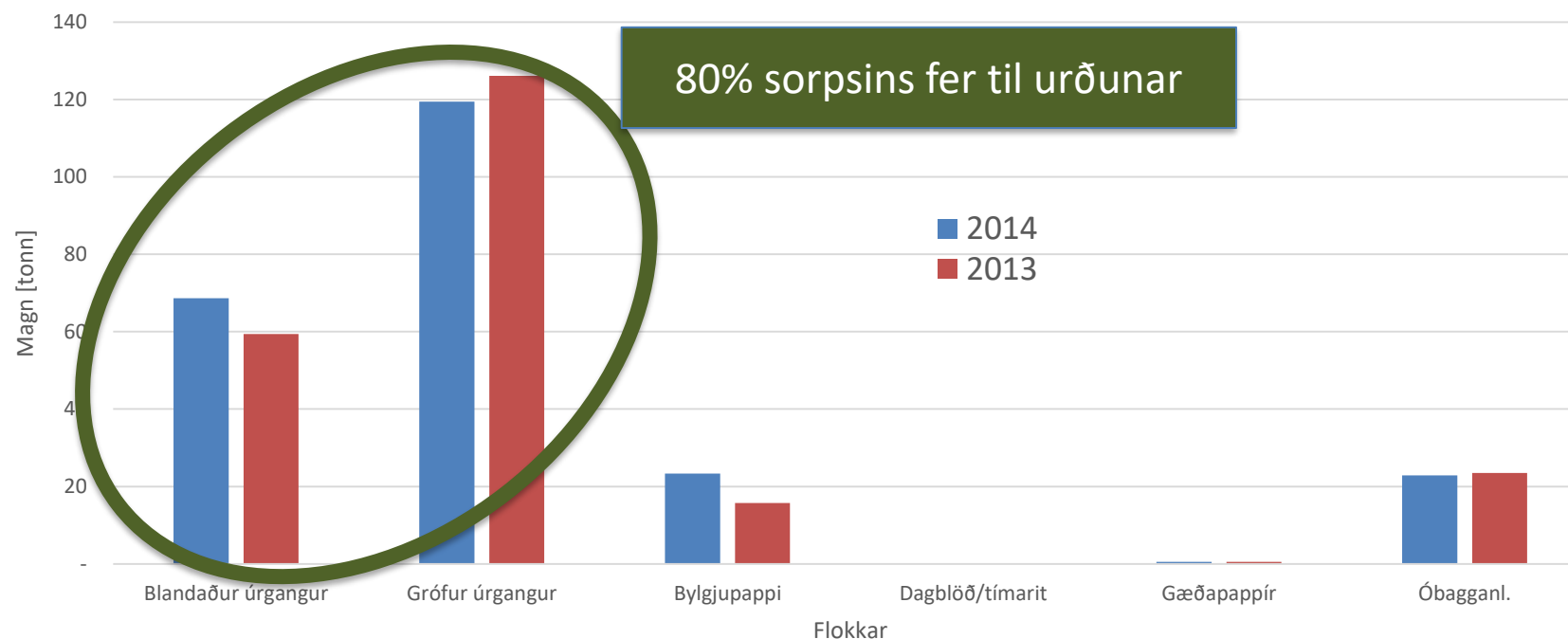
Sagan

- **2010** – Flokkunarstöð á Vopnafirði
- **2013/2014** – Greining gerð á sorpi frá starfsstöðvum og skipum í Reykjavík



Grunnástand

Sorpmagn eftir flokkum hjá HB Granda Reykjavík



Töluleg markmið

Markmiðið á næstu þremur árum er að minnka hlutfall:

1. Blandaðs úrgangs um 40% - flokkun á lífrænu
2. Grófs úrgangs um 70% - Markvissari flokkun á pappa, plasti og málmum
3. Grófs og blandaðs sorps frá skipum um 50%
- Markvissari flokkun á endurvinnanlegu sorpi – pappi, plast, málmar



Sagan

Framkvæmdir hefjast janúar 2015



Flokkunarstöð vígð október 2015

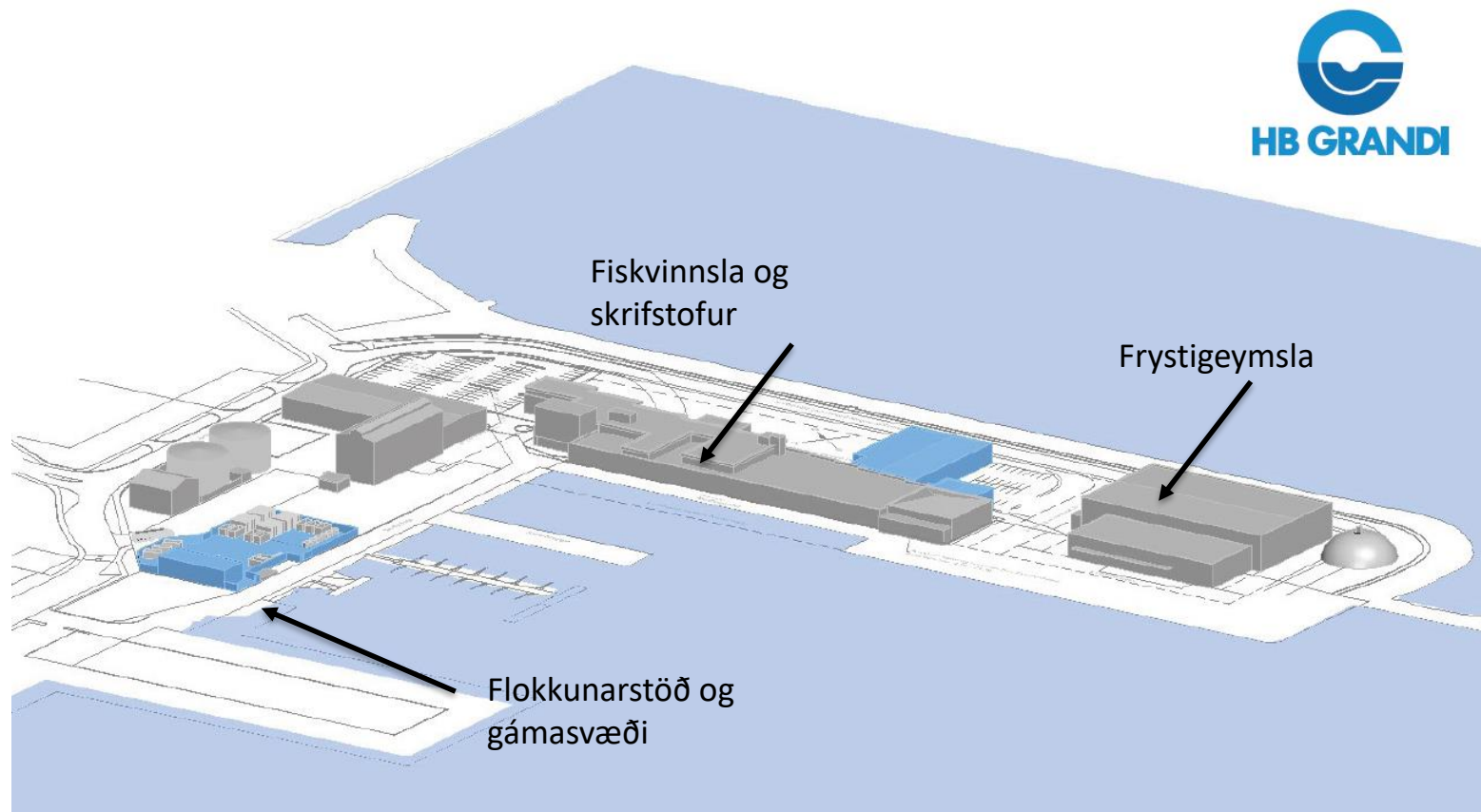


Svanur flokkunarstöð

- Markvissari flokkun á sorpi frá starfsstöðvum
- Draga úr sorpmagni til urðunar



Athafnasvæðið





Sorpfasi

Staða á flokkun milli ára í Reykjavík

Skráð magn frá starfsstöðvum

	2015	2016	2017	
HBGrandi	Flokkað	148.198	341.340	47.553
	Óflokkað	247.953	199.836	26.970
	Spilliefni	5.669	3.893	



Sorpfasi

Staða á flokkun milli ára í Reykjavík

2015

Flokkað – 37%

Óflokkað – 63%

2016

Flokkað – 63%

Óflokkað – 37%

2017

Flokkað – 64%

Óflokkað – 36%



Sorpfasi

Dæmi um innleiðingu í skip - Ásbjörn



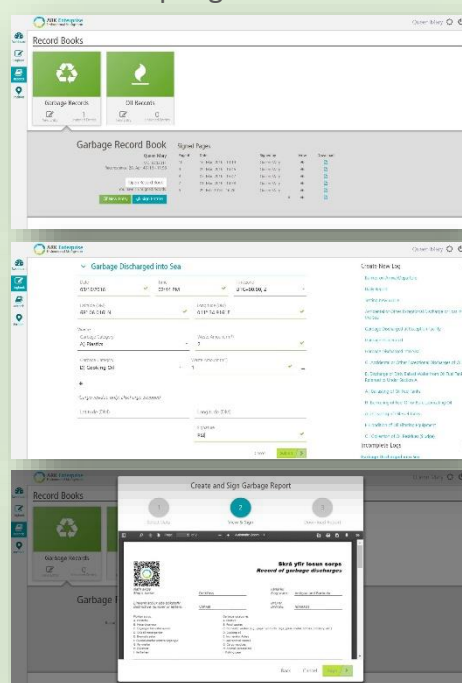
1. Skref – Verklag og skipulag

Sorpáætlun



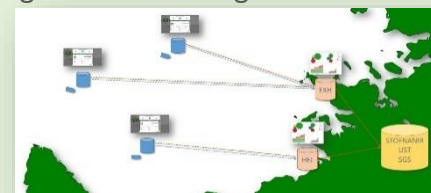
2. Skref – Mælanleiki

Rafræn Sorpdagbók

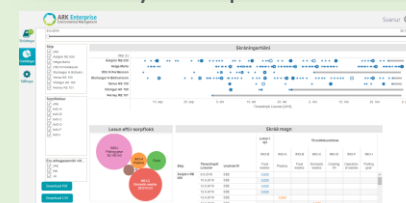


3. Skref – Gagnaflæði

Gagnaflæði milli hagaðila



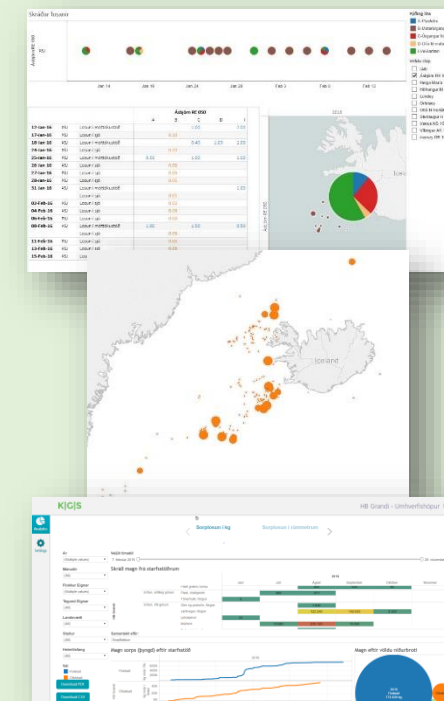
Mælaborð fyrir sorp



Rafrænar móttökukvittanir

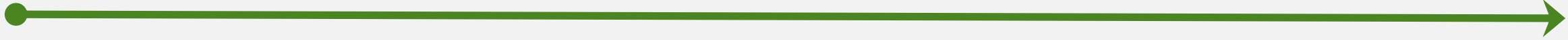


4. Skref – Þekkingarmyndun

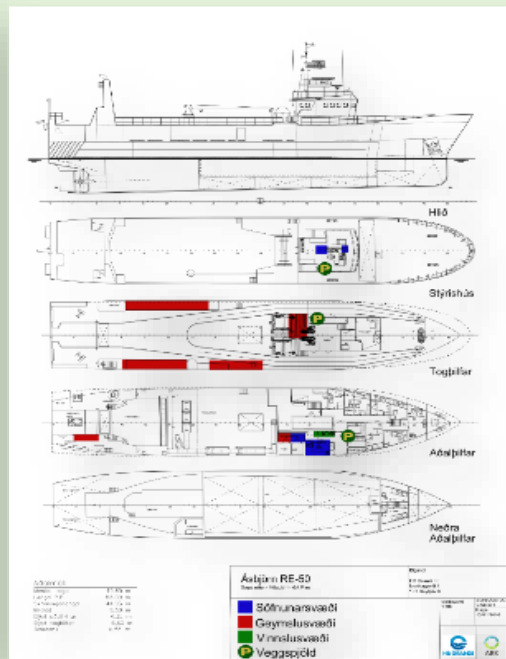




Dæmi um innleiðingu í skip - Ásbjörn



1. Skref – Verklag og skipulag Sorpáætlun

[illegible]



Sorpfasi

Dæmi um innleiðingu í skip - Ásbjörn



2. Skref – Mælanleiki Rafræn sorpdagbók

The screenshot shows the ARK Enterprise software interface. The main window is titled 'Create and Sign Garbage Report'. It features a sidebar with icons for 'Record Books', 'Garbage', and 'New Entry'. The main content area is divided into two sections: 'Garbage Discharged into Sea' and 'Create New Log'. The 'Garbage Discharged into Sea' section contains a table with columns for Date, Time, Timezone, Latitude (DM), Longitude (DM), Waste Category, and Waste Amount (m³). The table has two rows of data: one for 'A) Plastics' with a waste amount of 2, and another for 'D) Cooking Oil' with a waste amount of 1. The 'Create New Log' section contains a list of checkboxes for various types of waste discharge, including 'Accidental or Other Exceptional Discharge or Loss into the Sea', 'Garbage Discharged at Reception Facility', 'Garbage Incinerated', 'Garbage Discharged into Sea', 'Accidental or Other Exceptional Discharges of Oil', 'Discharge of Dirty Ballast Water from Oil Fuel Tanks', 'Ballasting of Oil Fuel Tanks', 'Bunkering of Fuel Oil or Bulk Lubricating Oil', 'Cleaning of Oil Fuel Tanks', 'Condition of Oil Filtration Equipment', and 'Collection of Oil Residues (Sludge)'. The 'Garbage Discharged into Sea' checkbox is selected.

Rafrænir móttökuseðlar

The screenshot shows the ARK Enterprise software interface. The main window is titled 'Móttökukvittanir'. It features a sidebar with icons for 'Móttökukvittanir', 'Skjalasafn', and 'Skráningar'. The main content area is divided into two sections: 'Móttökukvittanir' and 'Skjalasafn'. The 'Móttökukvittanir' section contains a form titled 'APPENDIX 3 STANDARD FORMAT FOR THE WASTE DELIVERY RECEIPT'. The form is divided into three main sections: '1 RECEPTION FACILITY AND PORT PARTICULARS', '2 SHIP PARTICULARS', and '3 TYPE AND AMOUNT OF WASTE RECEIVED'. The '1 RECEPTION FACILITY AND PORT PARTICULARS' section contains fields for 'Location/Terminal name', 'Reception facility provider(s)', 'Treatment facility provider(s)', and 'Waste Discharge Date and Time'. The '2 SHIP PARTICULARS' section contains fields for 'Name of ship', 'IMO Number', 'Gross Tonnage', 'Type of ship', 'Owner of Ship', 'Owner or operator', and 'Flag State'. The '3 TYPE AND AMOUNT OF WASTE RECEIVED' section contains a table for recording waste received.



Sorpfasi

Staða á einingum

Tímastimpill Losunar

12.1.2016

24.3.2017

Skip

- ☒ (All)
- ☒ Ásbjörn RE 050
- ☒ Helga María
- ☒ Höfrungur III
- ☒ Ottó N Þorláksson
- ☒ Sturlaugur H Böðvarsson
- ☒ Venus NS 150
- ☒ Víkingur AK 100
- ☒ Þerney RE 101
- ☒ Örfirisey

Sorpflokkur

- ☒ (All)
- ☒ Vantar skráningu
- ☒ IMO-A
- ☒ IMO-B
- ☒ IMO-C
- ☒ IMO-D
- ☒ IMO-E
- ☒ IMO-F
- ☒ IMO-I

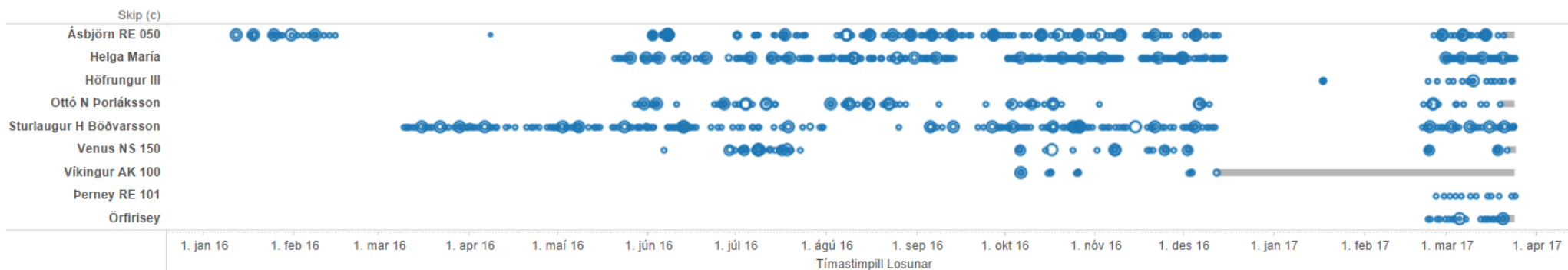
Eru athugasemdir við færslu...

- ☒ (All)
- ☒ Nei
- ☒ Já

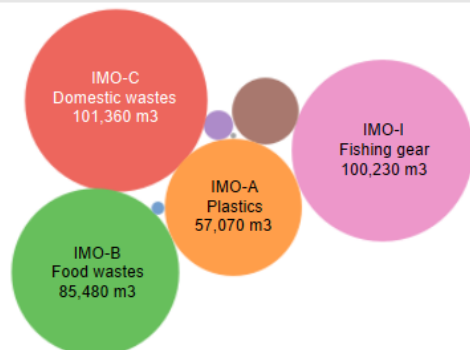
Download PDF

Download CSV

Skráningartíðni



Losun eftir sorpflokk



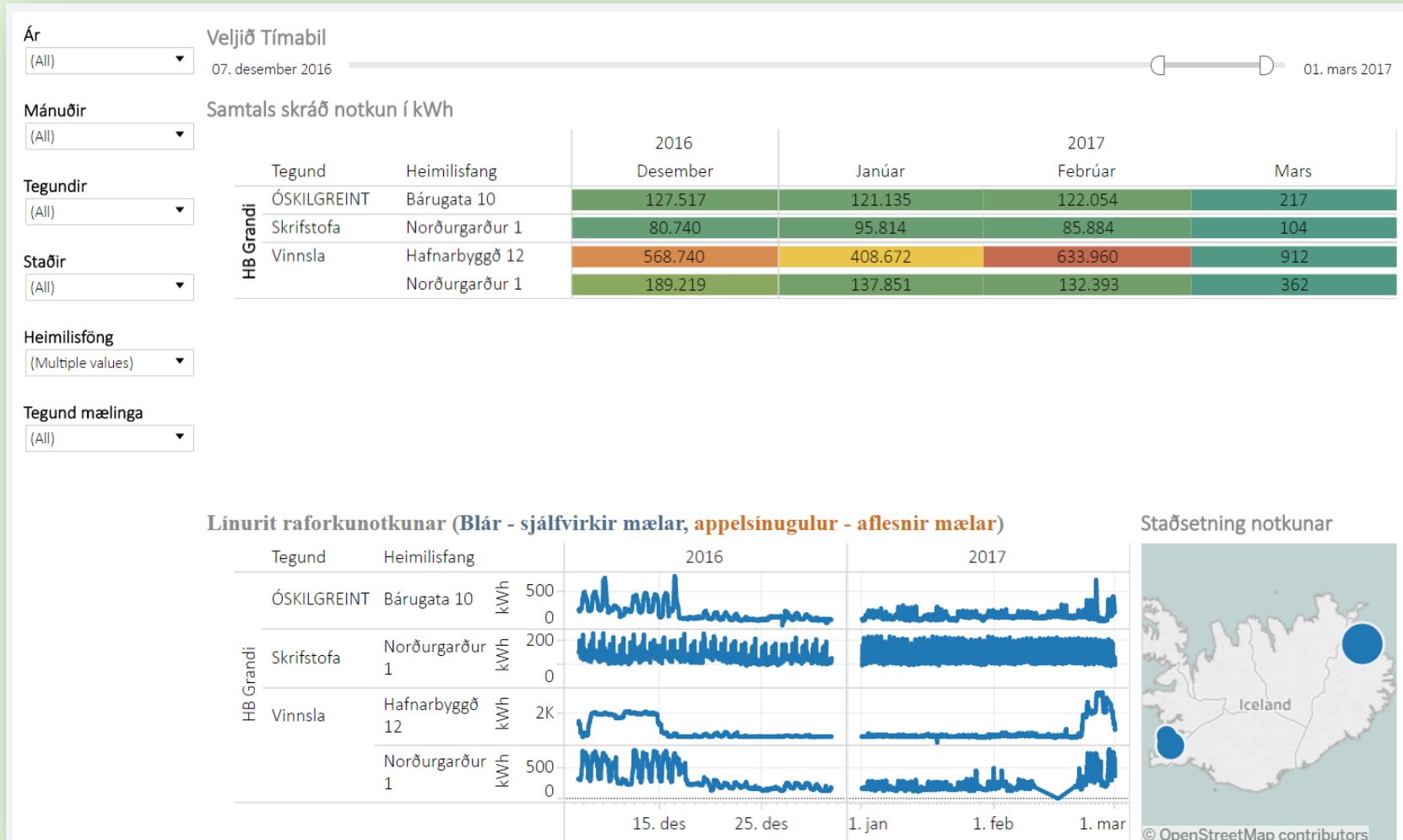
Losun í hafnir eða sorpstöðvar

Móttökustaður ekki skráður

Skráð magn

			ACCIDE..	INCINER..	Losun í sjó					Til móttökustöðvar					
			IMO-A	IMO-A	Vantar skráningu	IMO-A	IMO-B	IMO-C	Vantar skráningu	IMO-A	IMO-B	IMO-C	IMO-D	IMO-E	IMO
Skip	Tímastimpill Losunar	Undirskrift	Plastics	Plastics	Null	Plastics	Food wastes	Domestic wastes	Null	Plastics	Food wastes	Domestic wastes	Cooking Oil	Incinerator ashes	Operational waste
Ásbjörn RE 050	12.1.2016	ÞSJ										1,000			
	17.1.2016	ÞSJ					0,100								
	18.1.2016	ÞSJ										0,400	1,000		
	24.1.2016	ÞSJ					0,200								
	25.1.2016	ÞSJ								0,500		1,000			
	26.1.2016	ÞSJ					0,050								
	27.1.2016	ÞSJ					0,050								
	28.1.2016	ÞSJ					0,050								
	31.1.2016	ÞSJ					0,010								

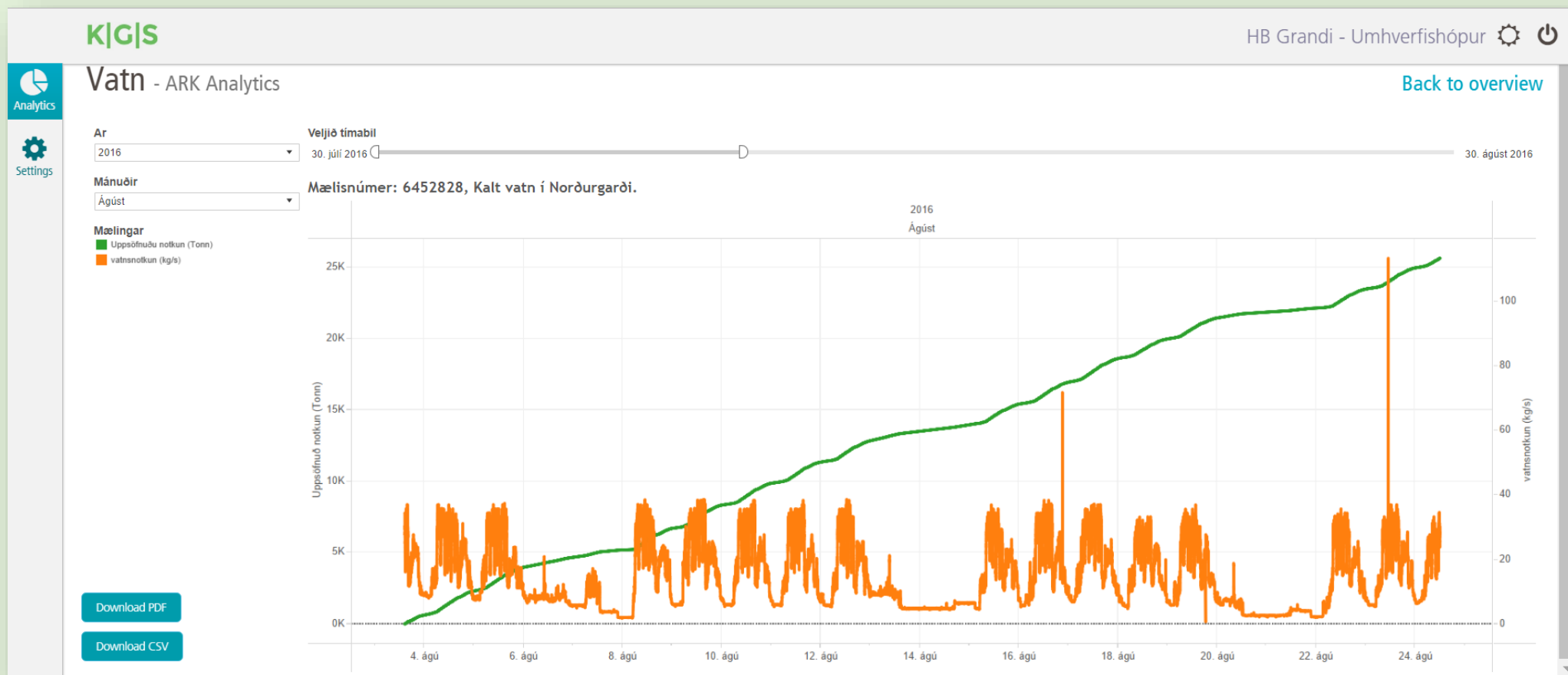
Rafmagnsfasi





Vatnsfasi

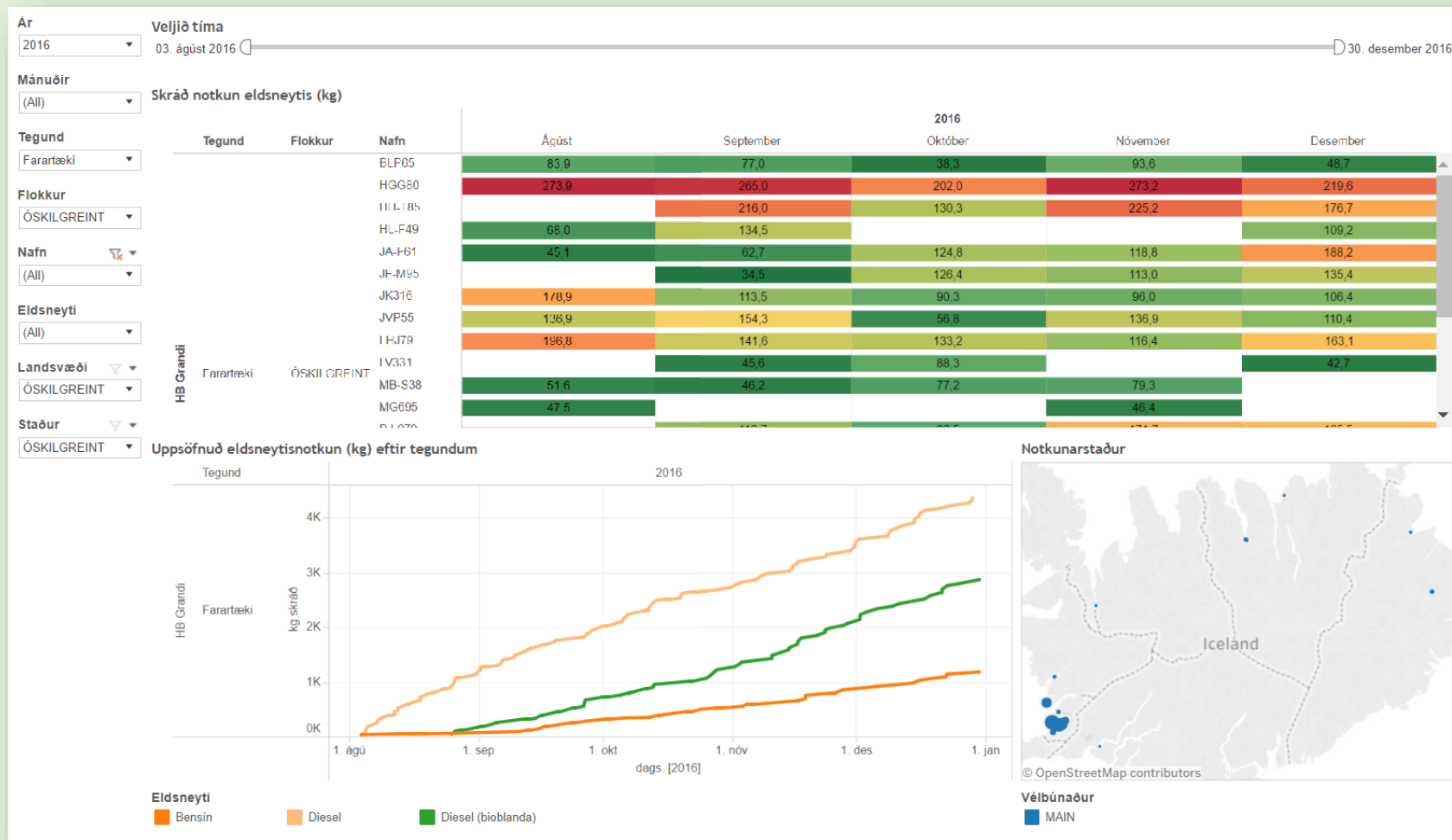
Staða á einingum





Eldsneytisfasi

Staða á einingum





Hrein virðisikeðja sjávarútvegs

Takk fyrir