

We are ready for discards... if they come



Slutrapport

Udkast:

Innovation: Værdi i landingsforpligtelsen



Innovationsprojekt iværksat af Hanstholm Havn,
December 2018



UDENRIGSMINISTERIET
Fiskeristyrelsen



HAV & FISK



Work package 1 - catch

- handling
- registration
- storage

Work package 2 – landing

- handling
- logistik
- storage

value in the landing obligation

Work package 4 – project management

- Communicatio
- workshop

Work package 3 – value chain

- options
- consumer

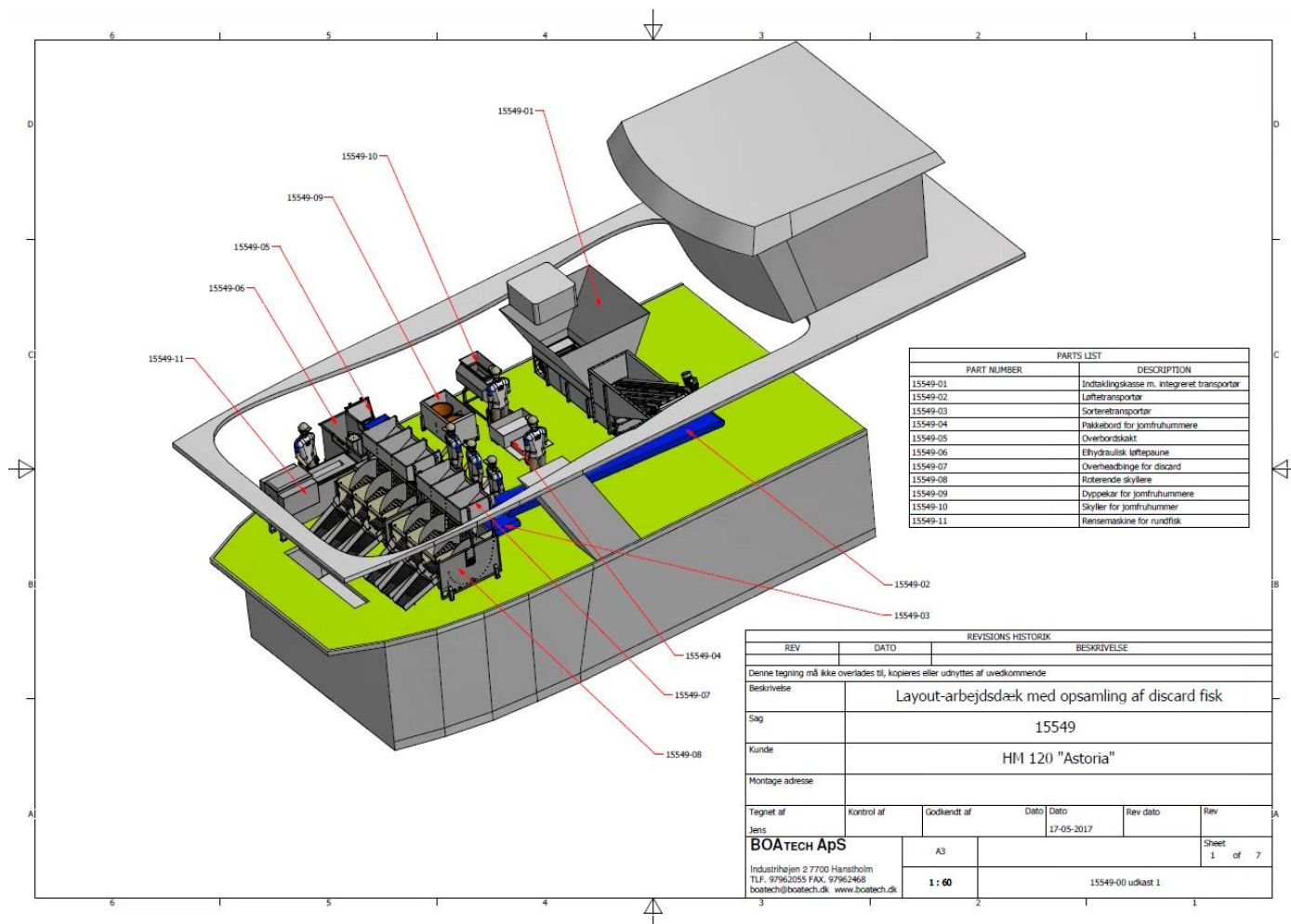


Work package 1 (Vessel)

- Minimising the time used on UUC
- Minimising the space on board required for storage of the UUC (showstopper)
- Making authorities check possible
 - Icing the whole fish – different species in the same box



HM120 (Astoria) – Boatech layout



Catch journeys (HM120 – DTU)

- Main catch Plaice

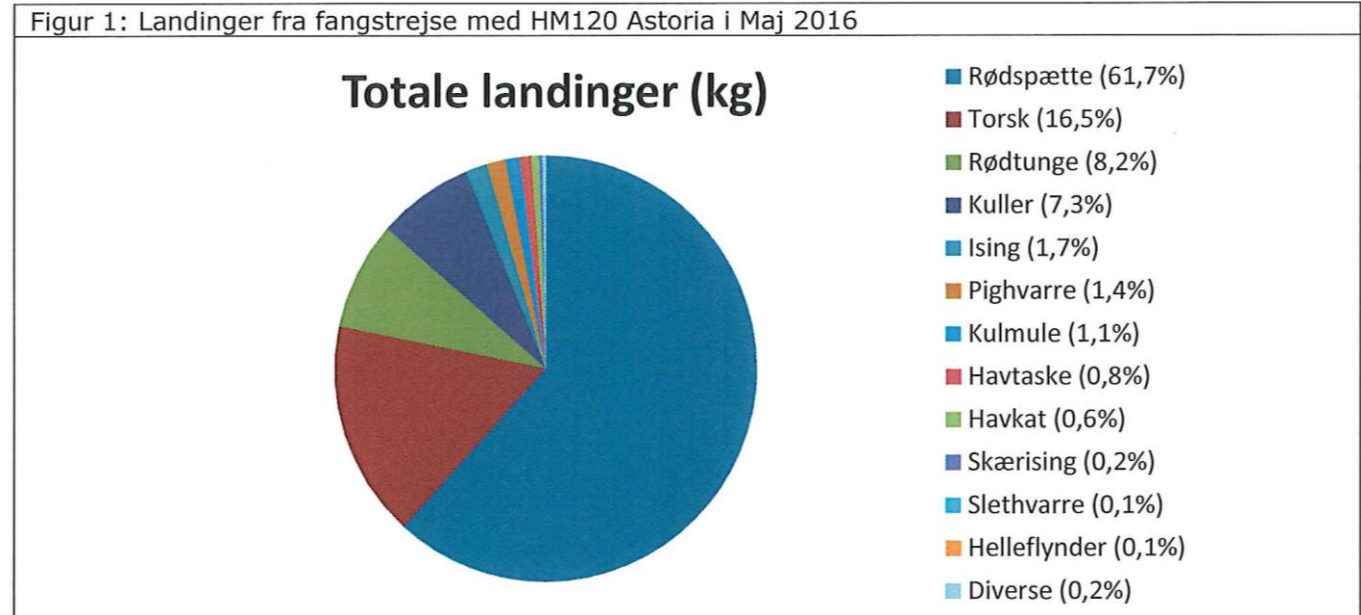
- 2016 – 4 days (May)
- 2018 – 5 days (June)

- Observer from DTU

- Species - UUC
- Time studies

- The results from the journeys is verified with other studies

Figur 1: Landinger fra fangstrejse med HM120 Astoria i Maj 2016



Work package 2 - Handling

- Silage
 - - added chemistry
 - + storage (1. container)
 - - mixed species (checking difficult)
 - ? Off cutting/none UUC
- Fish flour – fish oil (processed on board)
 - + preprocessed (easy handling)
 - + storage (2. containers)
 - - mixed species
 - ? Off cutting/none UUC



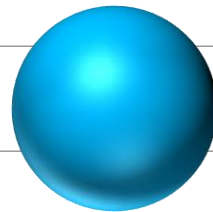
- Whole fish
 - + no chemistry
 - + flexible store
 - + mixed species in same boxes (checking possible)
- 6 danish ports (90% of fish landed)
- 3 Foreign (F, E og GB)
- 1 Fishing company (Euronord)



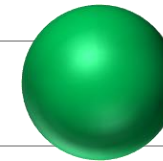
2 Handling

- Present
- UUC handled with main catch
- Animal food (fur production)
- Future
- Sold separately (auction)
- Pet food
- Processing (higher value product)
- Animal food (fur production)

Value vs quantity



Industry fishing



Food Human

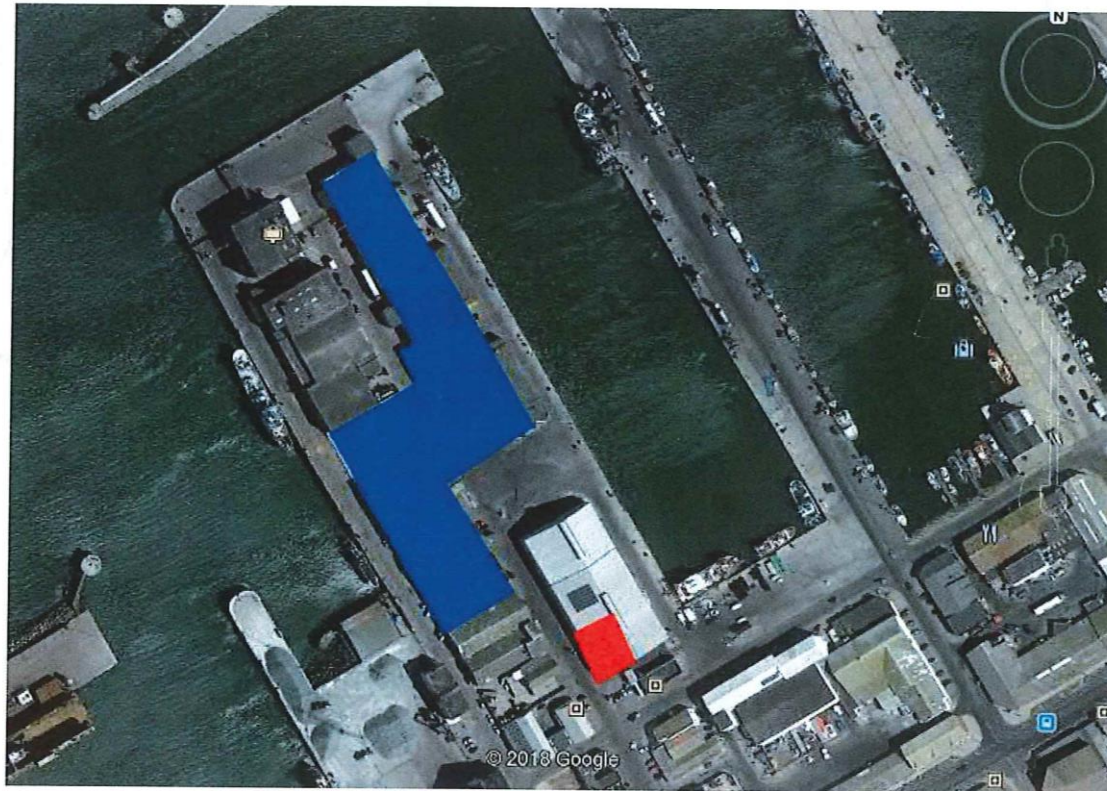
● Feed (for production)

● Minimum price for break even



Storage facilities

Figur 11. Discardrummet er markeret med rødt og auktionskomplekset er vist med blått.



Conclusion

- Carefully fishing with optimized meshes results in very low amounts of UUC
 - 2016 36 kg/15.400 kg
 - 2018 43 kg/13.300 kg
- The observed UUC volumes cannot justify investments on board the vessel or on land to optimize handling and maximizing the value.



We have taken the first steps

We are **ready** for discards... if they come

Thank you

