



SCIENCE AND  
EDUCATION **FOR**  
**SUSTAINABLE**  
**LIFE**

# R/V Svea

# Sweden's new research vessel

Lasse Thorell, Swedish University of Agricultural Sciences (SLU)

# R/V Svea – Background and timeline

SLU's appropriation directions  
Pre-plan the vessel and study management alternatives

Pre-study  
SLU, SMHI and the Swedish Coast Guard recommend a new research vessel

January-september  
Design work and specification

January-december  
Procurement of shipyard

July  
Launching

Spring  
Sea Acceptance Tests

June-october  
Training & familiarisation

September  
Ices ASC, Gothenburg

October  
Vessel in operation

2014 — 2015 — 2016 — 2017 — 2018 — 2019 →

April  
Swedish Government decides that a new vessel shall be built

June  
Saltech contracted for project management

December  
Skipsteknisk contracted for design

January  
Contract with Armon Shipyards



## Large, modern...

- Length over all: 69.5 meters
- Breadth moulded: 15.8 meters
- Design draft: 5.40 m
- Gross tonnage 3 125 GT
- 12 knots
- 28 single cabins
- Extremely silent, Ices 209



## ...and environmentally conscious

- HVO diesel
- Particle filter and SCR
- Sewage treatment plant onboard
- Heat exchangers use sea to cool
- Silicone based anti-fouling paint
- Connected to district heating
- Sustainable elondo wood



## Well equipped

- Pelagic and bottom trawls
- Fish, MIK/instrument, flex, wet, CTD, chemical, nutrient analysis and isotop laboratories
- Echo sounders and sonars on drop keels and ROTV's
- CTD rosette



## Well equipped

- ADCP
- Ferrybox
- Movin Vessel Profiler
- Weather station
- Prepared for additional equipment, e.g. ROV and labs, in containers



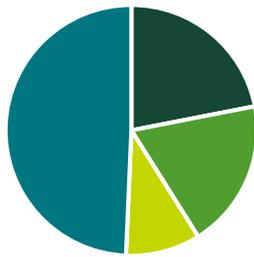
# Good work environment and living conditions

- Nordic, light, sustainable, environmentally friendly
- 28 single cabins, day room, library, gym and sauna
- Anti-rolling system allows work in strong winds
- Bridge with adjustable height



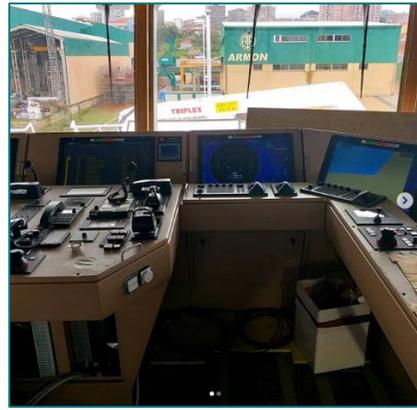
# Cooperation between agencies

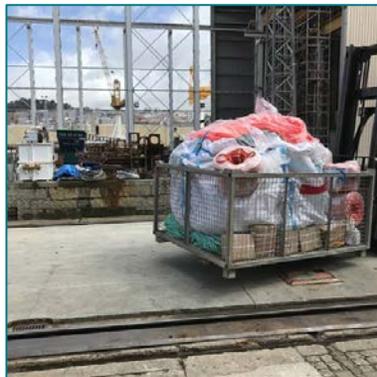
- SLU owns the vessel
- Crew from Swedish Maritime Administration
- Marine environmental monitoring and research by SMHI and SLU



■ SMHI      ■ SLU  
■ Maintenance   ■ Available time









[www.slu.se/en/research-vessel](http://www.slu.se/en/research-vessel)

Instagram: [rv\\_svea\\_slu](https://www.instagram.com/rv_svea_slu)

Lasse Thorell, head of Ship Management Unit

+46 (0)705-57 15 07  
[lasse.thorell@slu.se](mailto:lasse.thorell@slu.se)

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