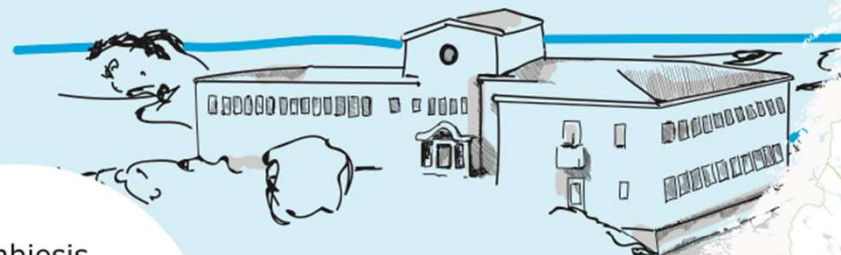




INDUSTRIAL AND SOCIAL SYMBIOSIS IN SOTENÄS

CENTER OF SYMBIOSIS



Symbiosis
Lifelong learning
University West
Sustainable development
Companies
Tourism



SOTENÄS
MUNICIPALITY

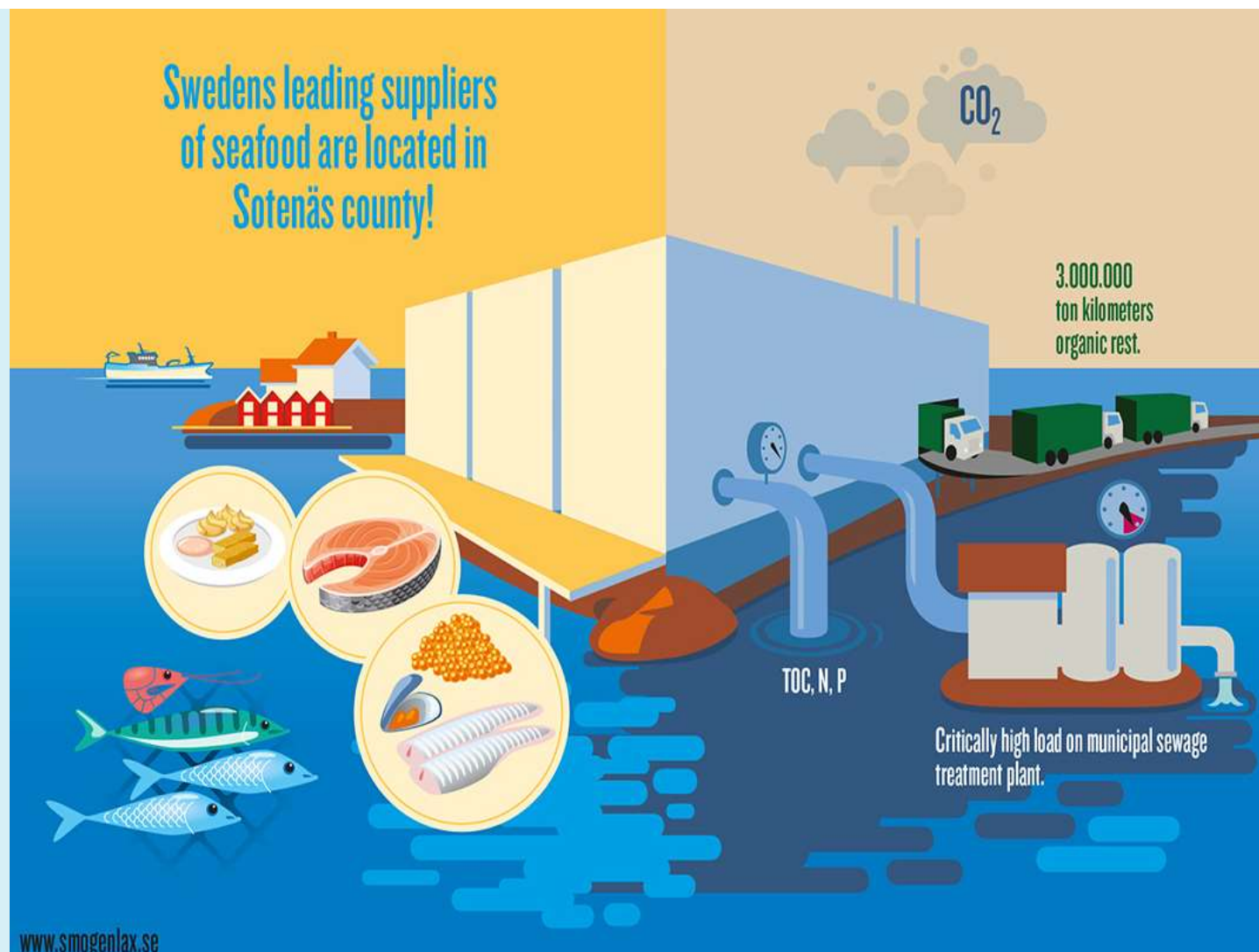


"Sotenäs Centre of Symbiosis shall be a leading actor in maritime development. We are an innovative hub in an environment where the human meeting is the basis for the transition to a circular economy. With the sea the basis, we strengthen the existing business and create opportunities for new green business."

Fish processing industry



Swedens leading suppliers
of seafood are located in
Sotenäs county!



Land-based aquaculture







Sotenäs
kommun



FISHING GEAR
(FISKAREFÖRENINGEN
NORDEN,
RAMBO, AME)



BOATS
BOAT HULLS



OCEAN WASTE
(AME)



MARINE INDUSTRY
(ORKLA, LERØY,
MARENOR)

MARINE RECYCLING

**SORT
WASH
GRIND
MELT**



3D PRINT



**NEW
INNOVATIONS**



GRANULATE

PRODUCTS



**MATERIAL /
RECYCLING**
(RAMBO)



UPCYCLING



REUSE



KNOWLEDGE

Benefits

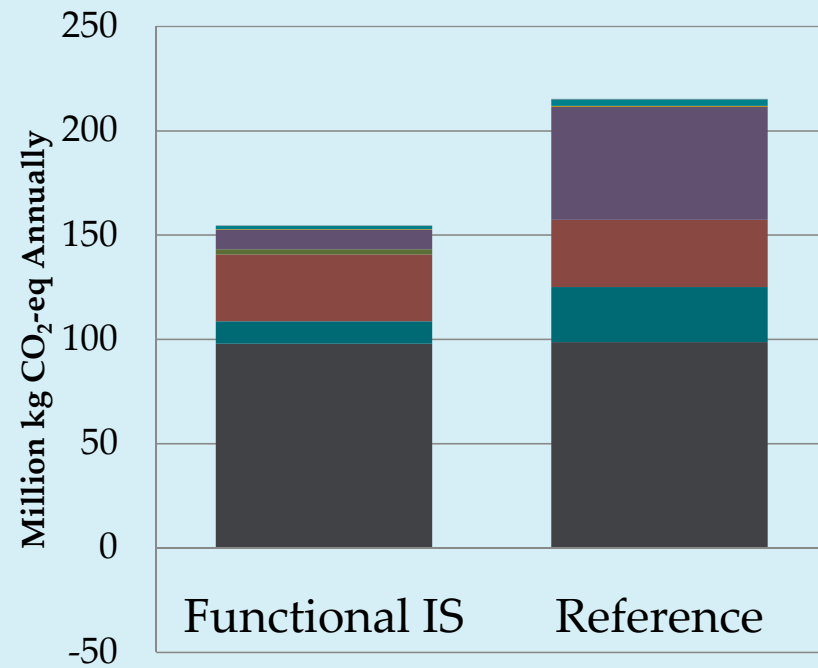


Med stöd från



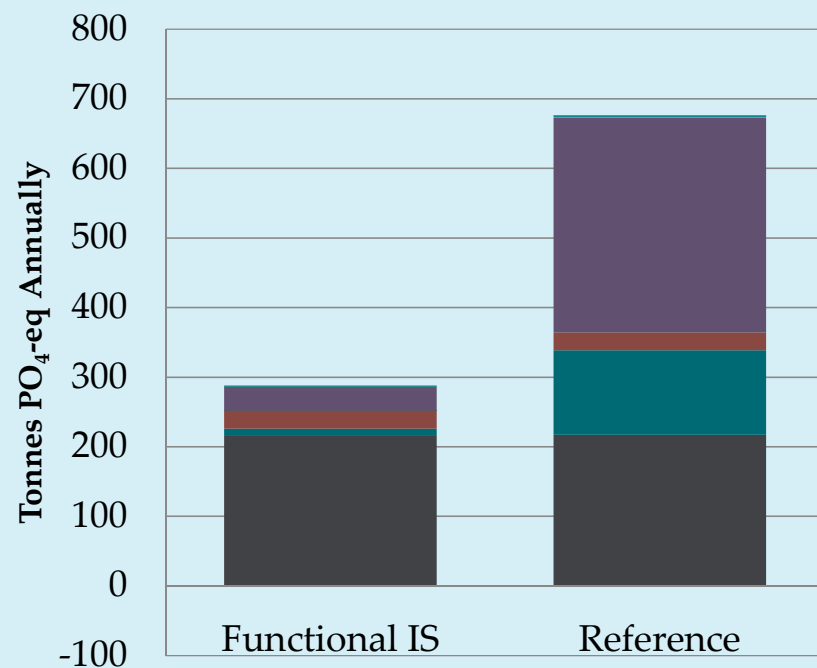
Strategiska
innovations-
program

Reduced CO₂-emissions



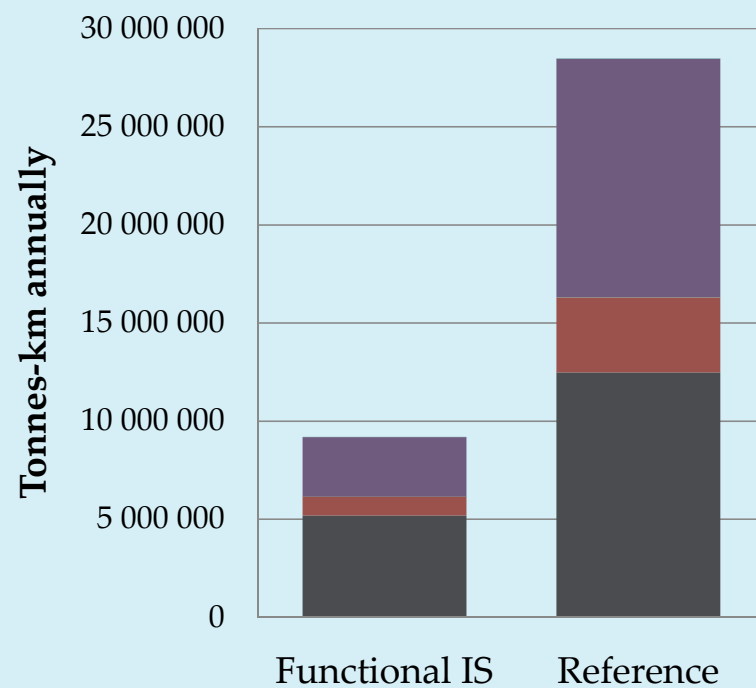
Reduction of 60 000 tonnes CO₂-eq/year

Reduced eutrophication



Reduction of 388 tonnes $\text{PO}_4\text{-eq}/\text{year}$.

Reduced transportation



Reduction of transportations with
19,3 million tonnes-km/year

Socio-economic benefits

Benefits	To 2022
Retained or new jobs	100
Number of new companies	25
Increased sales	40 MEURO/yr
Research and innovation support	5 MEURO/yr
Reduced cost of waste transportation	16 MEURO/yr
Number of visitors	2000 pp/yr



Thank you for listening!

Peter Carlsson

Peter.carlsson@sotenas.se

+46 709-649278



Med stöd från



**Strategiska
innovations-
program**