

# Better climate adaptation through CO<sub>2</sub> accounting

The Danish island Samsø has tested a new tool to calculate the entire CO<sub>2</sub> emissions and climate impacts of new local developments. A practice from Portugal helped Samsø to go beyond a purely energy-centred approach.



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€  
180,000  
ERDF

The project **'Innovation policies for sustainable European islands' (Islands of Innovation)** brings together six island regions or archipelagos from six countries. Their aim is to become innovation test-beds and generate new job opportunities.

Samsø Energy Academy joined the project with a vision to turn societal challenges linked to climate adaptation, circular economy and the bio-economy into business opportunities on the island. Samsø aims to become a role model in the region and to speed up business and job creation there, drawing on ideas from other European islands.

A good practices from Portugal's Madeira enabled Samsø to develop a new tool which calculates all the CO<sub>2</sub> emissions generated on the island. It goes beyond energy consumption to include emissions from agriculture, industry and the waste cycle. The tool will help Samsø to ensure that any future developments on the island contribute positively to Samsø's climate balance and to its strategy to become fossil fuel free.

Samsø and the island's developers received 180,000 euros to test and validate the tool's performance on Samsø before rolling it out in all of Central Denmark's municipalities. Eventually, all 98 municipalities in Denmark might benefit.



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