



Equality



Equality

Equality

Food & 2030



Equality



**ENERGI**  
AKADEMIET





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140 % selfsufficient at 10 years  
100% Fossilfree Island at 18 years

Lærer nød nogen kvinde at spinde?  
Do emergency make creative women?





Samsø's biggest company closed in 1997?



Auken -Sustainable competition. SamSø  
challenged the task and won back in (1997)



Svend Auken





Søren Hermansen takes charge in relation to the challenge of the target and strategy




Objective 100 % self-sufficient by renewable energy in 10 years based upon known technology and own financing



# Plan: Masterplan action?



Involvement of the local people of the masterplan's objectives and strategies? Motivation of the local? Whats in it for you and my?



Local meetings and  
lots of coffee and  
(beers):)  
Priming of the  
meetings





11 land windturbines with broad  
financing from local farmers and 5400  
share-parts



10 off-shore wind turbines





## 4 District heatings with different owner structure and concepts





The local citizens think green. Changing of oil installations with air to water heating pumps



Household wind turbines, heating pumps and solar cells are established locally





Insulation status analyzes of the houses



Electricity support DKK 0,6 / 0,43 that also will be taxed





Cost / benefit evaluation and understanding between banks and customers are essential

**KIF-modellen**  
"Kvalitets-  
stjernen"

**Status**  
Hvor står vi? Hvad  
har vi gjort hidtil?

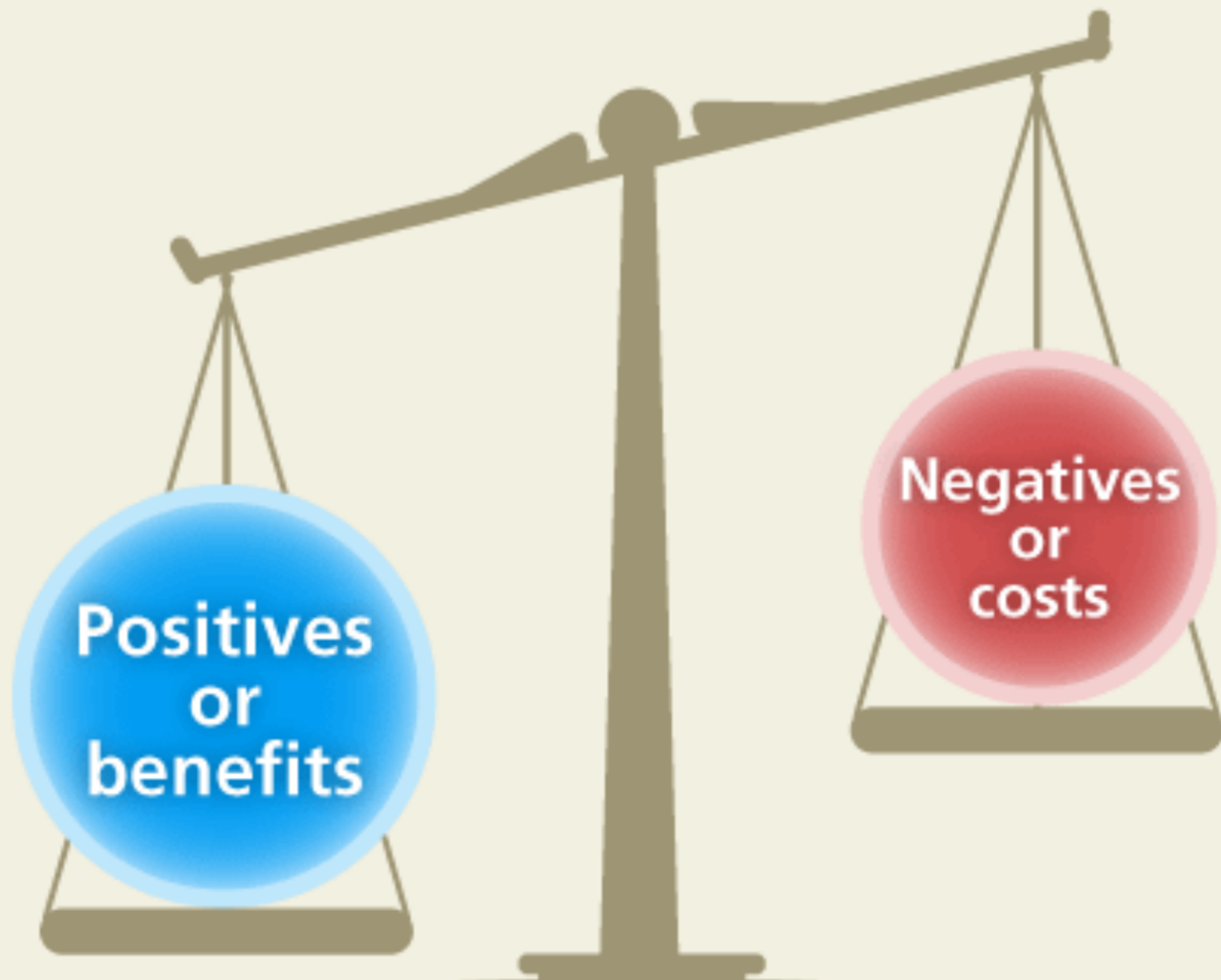
**Kvalitets kriterier**  
Det er vellykket,  
når...

**Evalueringsplan**  
Hvordan skal vi  
evaluere?

**EVALUERING**

**Handlingsplan**  
Hvad skal  
bidrage til  
målets opfyldelse?

**Mål**  
Hvad vil vi opnå?



Cost /benefit for SamSø



Fossil free SamSø 2030

Masterplan is on track

Carbon drinking has started

Stakeholder meetings is implemented

Local energy category groups established


The processes has started locally with  
involvement of the locals











Phasing out fossil  
fuels like oil, gas and  
coal

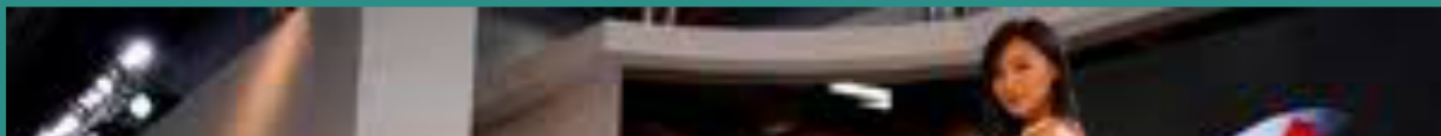


Is the air our  
CommonS?





-Secure capacity from wind turbines, local districts heating and solar cells





-Sustainable transport



Electricity Savings opportunities

-Insulations energy saving cost/benefits





See opportunities





Establish partnerships between Energy academy and EU, Danish State, Regions and companies Securing development of local ownership and engagement

**Product Flow**



**The Firm**

**Suppliers**

**Customers**



**Information flow**

**Strategic requirements**





The SamSø way of achieving Fossil free Society will be global role model and pilot plant for Denmark and the world

# Energy reduction and sustainability

- ★Investment in new technology

Optimising of existenz materiel

- ★Education of staff

- ★Knowledge sharing

- ★Best practice

- ★Use of experts



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