## From local adaptation to industrial production: Loss of sustainability on the west coast of Norway

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The new MAB will constitute nine counties in the west coast. It will aim to 1) conserve natural and cultural diversity, 2) promote economic development based on sustainable and cultural principles, and 3) create infrastructure for research, environmental monitoring, education and

- boats and improved technology, has stressed the deliverance of marine ecosystem services
- The oil industry in the North Sea has created more lucrative job opportunities
- Hydropower in the same region has created the grounds for energy demanding industry
- Today, the coast of Western Norway is regarded as the most resource rich part of the country, with a large economic productivity related to hydro power electricity, fisheries and the oil industry

## The Man and the Biosphere (MAB) Programme

 564 MAB areas in 109 countries globally, none in Norway yet

dissertation of sustainable development

- Aiming to set a scientific basis for the improvement of the relationships between people and their environment globally
- Combines natural and social sciences, economics and education to improve human livelihoods and safeguard natural ecosystems
- Promotes innovative approaches to economic development that is socially and culturally appropriate and environmentally sustainable
- Intergovernmental Scientific Programme





round grazing grounds for sheep, goats and cattle

Management resulted in small scale heterogeneity

This natural resource management regime proved

facilitating a relatively high human population density

sustainable over the past four thousand years,

infields (cropped land)

of the landscape

along the coast

Transport of nutrients from outfields (heathlands) to

