

SINTEF Energy Research

The objective of SINTEF Energy research is to design energy technologies for the future. Our efforts are based on three general perspectives:

- Norway: Reliable and reasonably priced technological solutions
- Europe: Creation of value based on Norwegian energy resources
- World: Technology development in the international market.

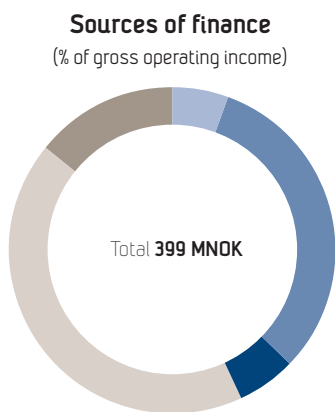
SINTEF Energy Research's strategic areas of special effort cover the

entire energy chain from production to consumption: improving energy efficiency, carbon capture and storage (CCS), different types of renewable energy, the electricity grid, gas technology, subsea power supply, and processing, as well as the frame conditions that govern energy policy. These facets of our work all offer important benefits to our clients.

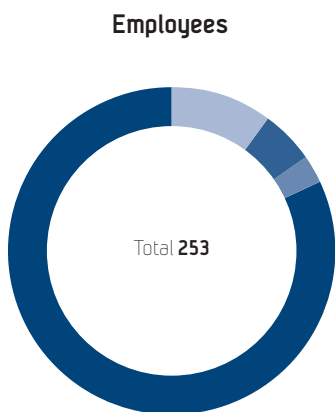
Our efforts support the transition to and implementation of the sustainable energy system of the future.



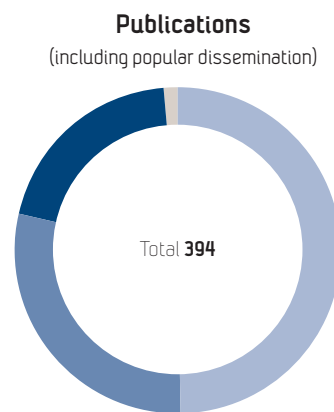
Chemical Looping Combustion (CLC) is a promising new technology with major potential in terms of efficiency and cost for carbon capture and storage. In 2014, the 150 kW CLC rig was erected on the test site at Tiller outside Trondheim. The image shows research scientist Jørn Bakken. Photo: SINTEF/Thor Nilsen. Photo inset: Øyvind Langørgen



- RCN basic grant 5,6%
- RCN project support 31,7%
- Public sector 5,9%
- Business and industry 42,8%
- International contracts 14,1%

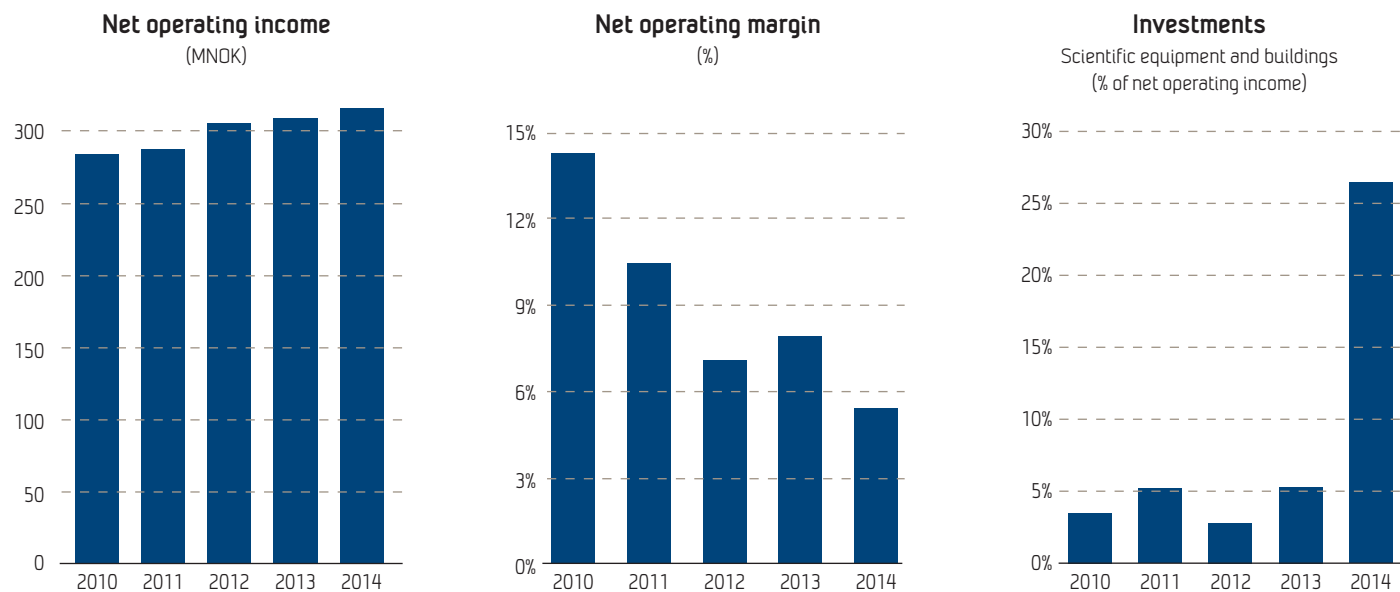


- Administration 26
 - Technical personnel 13
 - Engineers 7
 - Researchers 207*
- *of whom 103 hold doctorates



- Academic articles in journals, series or anthologies 196
- Academic lectures and poster 114
- Reports 79
- Popular articles and talks 5

SINTEF Energy Research



Key financial figures

MNOK	2010	2011	2012	2013	2014
Result					
Gross operating income	401	404	401	399	399
Net operating income	284	288	306	309	316
Operating result	41	30	22	24	17
Annual result	46	30	25	26	21
Balance					
Fixed assets	95	101	98	121	219
Current assets	430	433	457	483	404
Sum assets	525	533	555	604	623
Equity capital	304	334	359	385	406
Liabilities	220	199	196	219	217
Sum equity and liabilities	524	533	555	604	623
Profitability					
Operating margin %	14,3	10,5	7,1	7,9	5,4
Total profitability %	10,5	7,4	6,1	6,1	4,4
Profitability of equity capital %	17,0	12,2	9,6	9,5	6,9
Liquidity					
Net cash flow from operational activities	90	14	38	15	-32
Degree of liquidity	2,0	2,2	2,3	2,2	1,9
Solidity					
Equity capital %	58,0	62,6	64,7	63,8	65,2
Operating working capital	168	216	236	265	231