

Annual report



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Nordic Energy Research



A strategy characterised by speed and vision

2011 marked the beginning of the strategic perspective leading up to 2050. With the Sustainable Energy Systems 2050 strategy, Nordic Energy Research has launched a series of activities to propel the strategy forward from the outset.

The most important among them is no doubt the new research programme carrying the same name as the strategy. For this project, Nordic Energy Research focused heavily on capturing the researchers' interest by linking the research to the energy political goals set by the Nordic countries in the run up to 2050. And it paid off. If anyone still thinks that Nordic collaboration is on its way out, they should think again. The interest in securing funds was enormous and the chosen projects promise to create a solid foundation for promoting green growth in the Nordic region.

Largest ever joint energy research programme

Nordic Energy Research's programmes are the largest cross-national energy research programmes in the Nordic region. We must at the same time acknowledge that the programmes are small compared to national research programmes. The value of the new Nordic networks should not be underestimated, however, as we have learnt from the researchers themselves and from previous evaluations of Nordic Energy Research. Our role as bridge-builder is therefore a focal point of the new strategy period, which stretches to 2014.

International collaboration on policy

Our most important contribution to the development of the energy technology policy in 2011 is the establishment of the Nordic Energy Technology Perspectives. This project builds on a new and unique platform for building bridges between top Nordic researchers and the recognised international body in the policy field, the International Energy Agency. The project can contribute to creating a joint decision basis for Nordic energy technology policy.



The Sustainable Energy Systems 2050 kick-off

Sustainable Energy Systems 2050 is the largest joint research programme in the energy field across the Nordic region. The research programme gathers participants from leading research institutions, universities and private companies in the Nordic countries. Their task is to work together to create results that are able to foster a sustainable Nordic energy system by 2050. Nordic Energy Research is providing NOK 100 million of the NOK 140 million total fund for the programme.



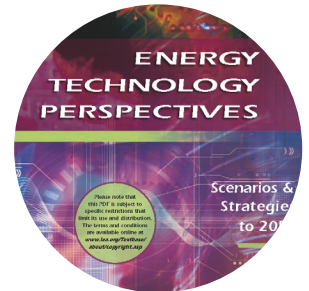
Launching TASTE!

The new book TASTE! Energy Cookbook presents the results from Nordic Energy Research's 2007-2010 research programme. Taking inspiration from the cookbook genre, the book aims to make the results more accessible, also for non-specialists. The work contains 10 "recipes" for Nordic energy research and 6 "recipes" for network collaboration.



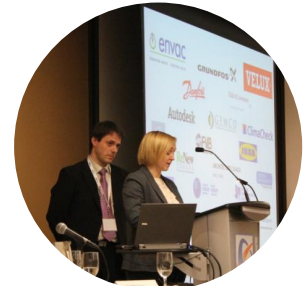
The Nordic Energy Technology Perspectives kick-off

Nordic Energy Research and the International Energy Agency have established an international partnership. The Nordic Energy Technology Perspectives project is the first visible result of this collaboration. Twenty-five specially-invited guests attended the kick-off and workshop in Stockholm. Project participants originate from research environments, the authorities and industry.



Joint research and innovation in Canada

More than 180 delegates from the Nordic countries and Canada attended the CanNord 2011 conference in Toronto. The aim was matchmaking across a range of sustainable solutions for transport, energy and construction. The conference was part of a project led by Nordic Energy Research in collaboration with Nordic Innovation.



Energy and transport project kick-off

The Energy & Transport research programme funded a total of eight electrical transport projects in 2011. All of the projects are designed to help realise the programme's vision of establishing the Nordic region as a "testing ground" for sustainable transport. The projects constitute a unique cross-sectoral collaboration between the Nordic countries' energy and transport sectors. Nordic Energy Research is leading the programme and Nordic Innovation is a project participant.





Sustainable Energy Systems 2050

NORDIC ENERGY RESEARCH PROGRAMME

Nordic Energy Research's first research programme

The Sustainable Energy Systems 2050 research programme combines research and innovation with the Nordic countries' visions of becoming carbon neutral by 2050. With its "holistic" profile, the programme unites various technologies and sectors.

The research programme covers the entire innovation chain, from pure research to more market-oriented development actively involving industry players, both as funders and project leaders.

A 10% success rate

The launch of the new strategic research programme, Sustainable Energy Systems 2050, drew a huge response from Nordic researchers. If all those who applied were to receive funding, it would have amounted to over NOK 1 billion.

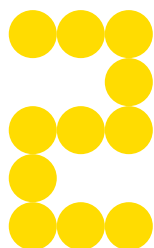
Bearing in mind that the available common pot was NOK 100 million, the call for proposals achieved a success rate of just under 10%. The very low success rate shows how strong the competition has been. The board of directors ultimately selected 10 of the 90 projects, and all 10 received "top ratings" from the international experts.

80% of the projects involve industry

Industry is participating in 80% of the Sustainable Energy Systems 2050 projects, either as participants in the projects or as members of the steering committees. The companies involved include every type of enterprise - from the small, innovative company, to the large global organisation. Overall, more than 20 industrial enterprises are involved in the research programme.

2011

Annual
accounts



Annual accounts

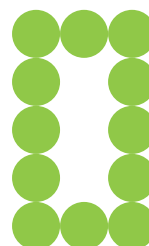
Revenues	2011	2010
Ordinary budget fundes from Nordic Council of Ministers	6.034.000	5.870.000
National grants*	31.309.474	40.582.220
Other revenues	17.061.116	5.424.874
Financial revenues	895.058	823.585
Project grants from Nordic Council of Ministers	11.151.256	6.290.500
Total revenues	66.450.904	58.991.179

Expenses	2011	2010
Secretariat	22.869.005	17.275.414
Contribution to external projects	42.493.908	39.709.602
Other expenses	56.604	-
Total expenses	65.419.517	56.985.016

Net profit	2011	2010
	1.031.387	2.006.163

* National grants 2011 appears as NOK 31.309.474 which includes national grants for 2011 of NOK 31.020.000 and additional assets remaining in the balance from 2010.

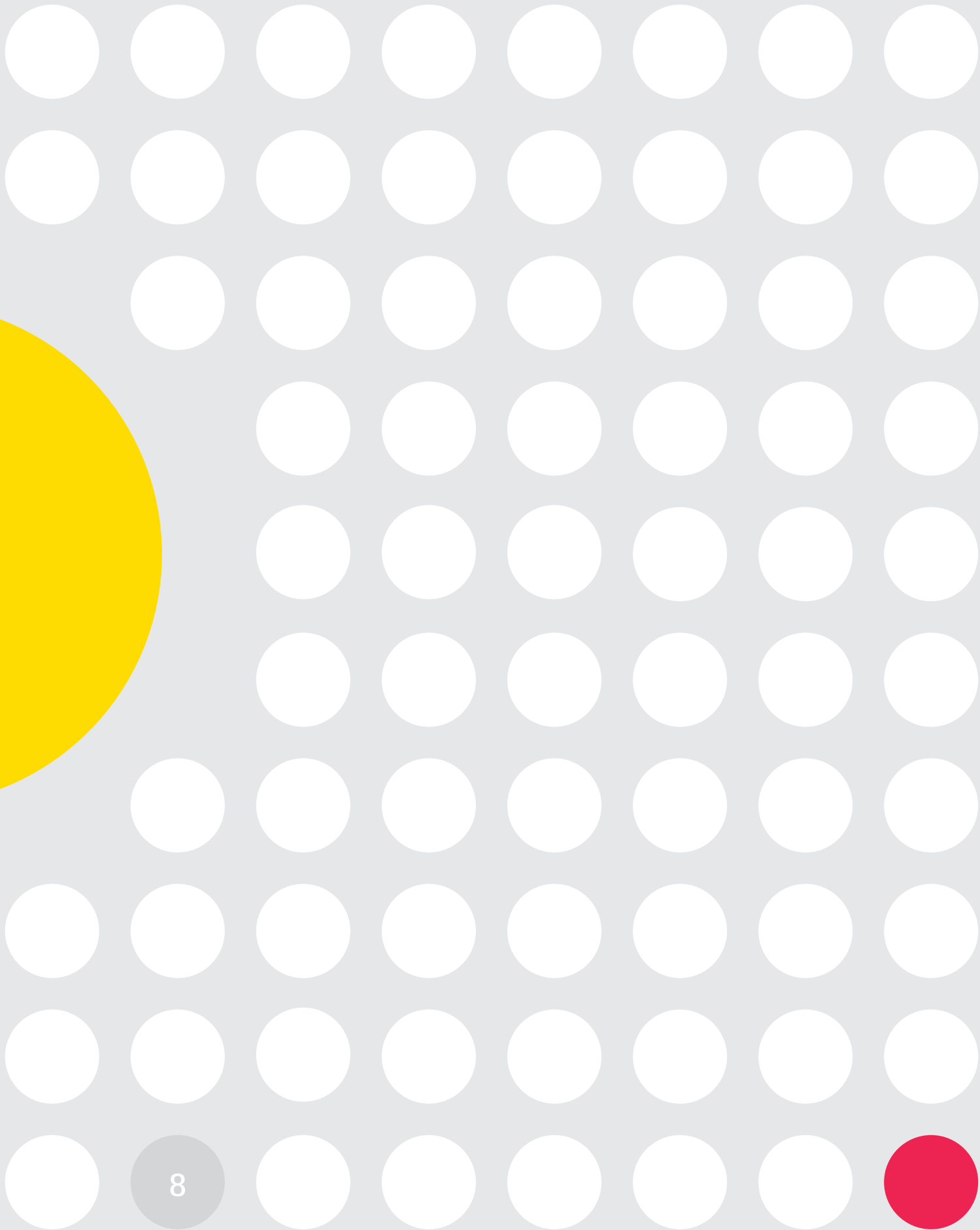
The annual accounts are audited by the Office of the Auditor General in Norway.



Assets	2011	2010
Trade debtors	12.412.061	1.356.145
Grants	8.198.402	6.041.742
Costs paid in advance	-	220.050
Cash at bank	36.871.593	40.783.046
Total assets	57.482.056	48.400.983

Liabilities	2011	2010
Trade creditors	9.523.504	7.581.002
Project advance payment	37.066.392	29.777.402
Accounts payable	5.390.945	6.572.752
Transfers	5.501.215	4.469.827
Total liabilities	57.482.056	48.400.983

National grants 2011 (NOK)	Nordic activity	Activities in adjacent areas	Total
Denmark	6.034.800	603.480	6.638.280
Finland	4.935.000	493.500	5.428.500
Iceland	310.200	31.020	341.220
Norway	8.178.000	817.800	8.995.800
Sweden	8.742.000	874.200	9.616.200
Total	28.200.000	2.820.000	31.020.000



Effective secretariat

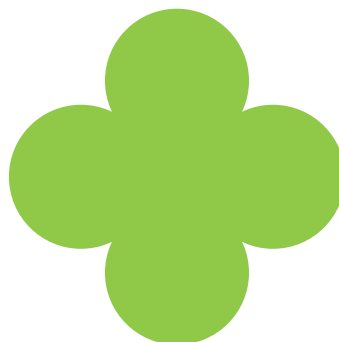
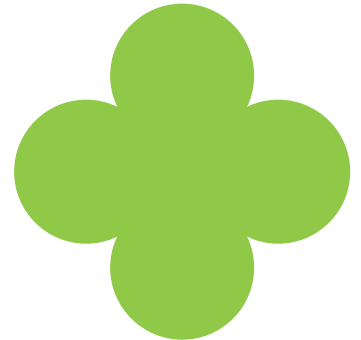
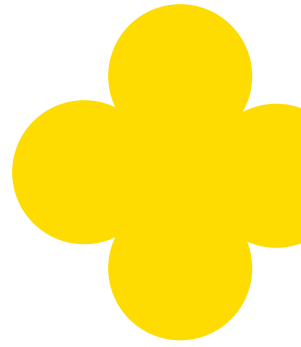
Nordic Energy Research has long held the position of secretariat for working groups under the auspices of the Nordic Council of Ministers (NCM). These include the Nordic Electricity Market Group, the working group on renewable energy, and the working group on sparsely populated areas. In addition, Nordic Energy Research is responsible for the Nordic end-user market project, which is focusing on strengthening the position of consumers in the energy market.

Since 2009 Nordic Energy Research has also acted as the secretariat for administration projects under the auspices of the globalisation initiatives, Nordic Top-level Research Initiative (TRI) and Energy & Transport. Nordic Energy Research is the secretariat for TRI's energy programmes. Nordic Energy Research is also responsible for administering parts of the grant under the auspices of the EU's Smart Grid ERA Net.

Energy & Transport

In the spring of 2011, the Energy & Transport programme launched a series of electrical transport projects, all of which are set to help realise the programme's vision of making the Nordic region a test bed for sustainable transport.

The autumn of 2011 saw the second part of the programme's funds being offered, this time within the field of sustainable fuels for the transport of goods. This programme has also completed a global mapping of initiatives associated with sustainable transport around the world.



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