



Where?



17.05.2006

[www.bionordic.no](http://www.bionordic.no)

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Development...



Secrets??



# Production



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## "BíONordíc"-oven

- Highest burning-effect
- Ultimate control on heating-process
- Nordic and flexible design
- Low-voltage (24v/12v) and battery-backup
- Highest rate on environmental-values
- "Cold oven"

## Phase 1 til 5 (2003 - 2007) i NKr

	fra-til	del	budget	financed
<b>Phase 1</b>	mar 03 - oct 2003	Project-definition	200 000	100 %
<b>Phase 2 a</b>	nov 2003- feb 2005	Development	2 895 000	100 %
<b>Phase 2 b</b>	mar 2004 - jun 2004	Design	400 000	100 %
<b>Phase 3 a</b>	jan 2005 - des 2005	Market/productcommercialising	1 600 000	100 %
<b>Phase 3 b</b>	feb 2005 - jul 2005	Feedingsystem	900 000	100 %
<b>Phase 4</b>	mar 2005 - des 2005	Market-test, dedicated countries	450 000	0 %
<b>Phase 5 a</b>	oct 2005 - feb 2007	Nigard - next generation/design 1	700 000	0 %
<b>Phase 5 b</b>	dec 2005 - oct 2006	Nigard - next generation/design 2	1 500 000	30 %
			<b>8 645 000</b>	<b>6 445 000</b>



## Key to success

- Key-competense
- Public/Government-support
- Design
- Timing og Focus
- Capital
- .....”never give up”

# Bionordic as

## Owners:

Edvin Brun , 26 %

Kurt Brun, 26 %

Svein Norberg, 26 %

Geir Moseng, 4 %

Luster Energiverk, 18 %

Sharecapital Nkr 480.000,-

Established: 2003

## Business-function:

Edvin Brun, Chairman

Svein Norberg, Manager

Kurt Brun, Development, Mechanics

Arvid Beinnes, Development, Electronics



# Co-operatives

Design

360°

360 GRADER PRODUKTDESIGN

Technical consultants and testing



Mechanics

Jostedal Industrier AS



nomex as

Public/Government





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Official opening sept 2005

Products available  
and sent to market  
november 2005 in  
11 different colors





*...and hardly mention...*

- 12.000 hours / 5 mill. NOK so far on product/consept
- The minor norwegian bioenergy-market
- Evaluating export-markets
  - And still made in Norway ?
- Delivered 100 ovens since start in nov. 2005
- Budget sale:
  - 380 ovens in 2006
  - 600 ovens in 2007
- A total of 6 man labour-year
- The norwegian alternative



# BIONORDIC

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