Presentation
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Index

• Energy Valley

• Gas extraction in Groningen

• Introduction of “National Coordinator Groningen”
Energy Valley

Who:
- Foundation founded in 2003;
- Realize market opportunities in the field of clean and innovative energy in the 'Energy Valley region': Drenthe, Friesland, Groningen en Noord-Holland Noord;
- Embedded in national policies.
Energy Valley

Aim:
Stimulate regional economy with sustainable energy innovations. Create employment and economic activity.
Energy Valley

Projects:

- Northern Netherlands Offshore Wind (NNOW)

- Sustainable football stadium

- Heat grid Emmen

Photos: https://www.energyvalley.nl
Natural gas extraction in Groningen

- Focus on energy as a result of natural gas extraction
- Cleanest fossil fuel, minor climate impact, sustainability opportunities
- But also confronted with disadvantages: earthquakes
- From nuisance to insecurity

16 June 2009
Increase natural gas extraction and earthquakes: Film ‘Timelaps earthquake’

naar Youtube
High impact earthquakes Groningen due to location hypocenter: 3 km

Sub-surface soil (30 m) determines to a great extend the effect of the earthquakes
First PGA-Map
Second PGA-Map
Timeline

16 August 2012, Earthquake Huizinge

23 May 2013 establish committee Meijer

1 March 2014 start "table of dialogue" (dialoogtafel)

9 February 2015 establish public service Groningen

25 January, 2013 Letter Sodm to Second Chamber Dutch Parliament

17 January 2014 administrative agreement "Faith in reconstruction, rehabilitation of faith"

September 2014 Earthquake Thesinge wake-up call

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May 2015 start pioneering phase

Source: The August 16, 2012 earthquake near Huizinge Dost and Kraaimoel KNMI, January 2013

Zware schok in Groningen

Veel schade gemeld na beving

Nationaal Coördinator Groningen
26 oktober 2016
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May 2015, start pioneering phase
Focal points:

- Increase safety and strengthen buildings preventive
- Improve procedures concerning restore damage and sustainability
- Improve livability
- Improve economic perspective
- Dilemmas from first administrative agreement removed
- Problems seems to be large
- Roles are unclear
- Needs national public approach

Source: additional administrative agreement
"Faith in reconstruction, rehabilitation of faith"
February 2015
Multiannual program: “Earthquake proof and high-potential Groningen”
Headlines Multiannual program

From people’s perspective

Restore damage

Strengthen buildings

Link to future and other policy areas

- Energy transition
- Livability
- Economy
1 June 2015
Hans Alders appointed National Coordinator

24 July 2015
Kick-off paper

4 November 2015
Presentation draft Multiannual program 2016-2020

15 December 2015, 13 local governments

24 July 2015
Kick-off paper

18 December 2015, Council of ministers

30 June 2015
End pioneering phase

3 December 2015 Bring in draft Multiannual program 2016-2020

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1 January 2016, start implementation Multiannual program

From 22 March 2016: startup Local offices
1 June 2015 Hans Alders appointed National Coordinator

24 July 2015 Kick-off paper

4 November 2015 Presentation draft Multiannual program 2016-2020

15 December 2015, 13 local governments

1 January 2016, start implementation Multiannual program

30 June 2015 End pioneering phase

August - September 2015 work conference

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Bron: Vertrouwen in een duurzame toekomst, commissie Meijer 2013