

# Renewable energy and nature conservation in Germany

Michael Krieger, COO.

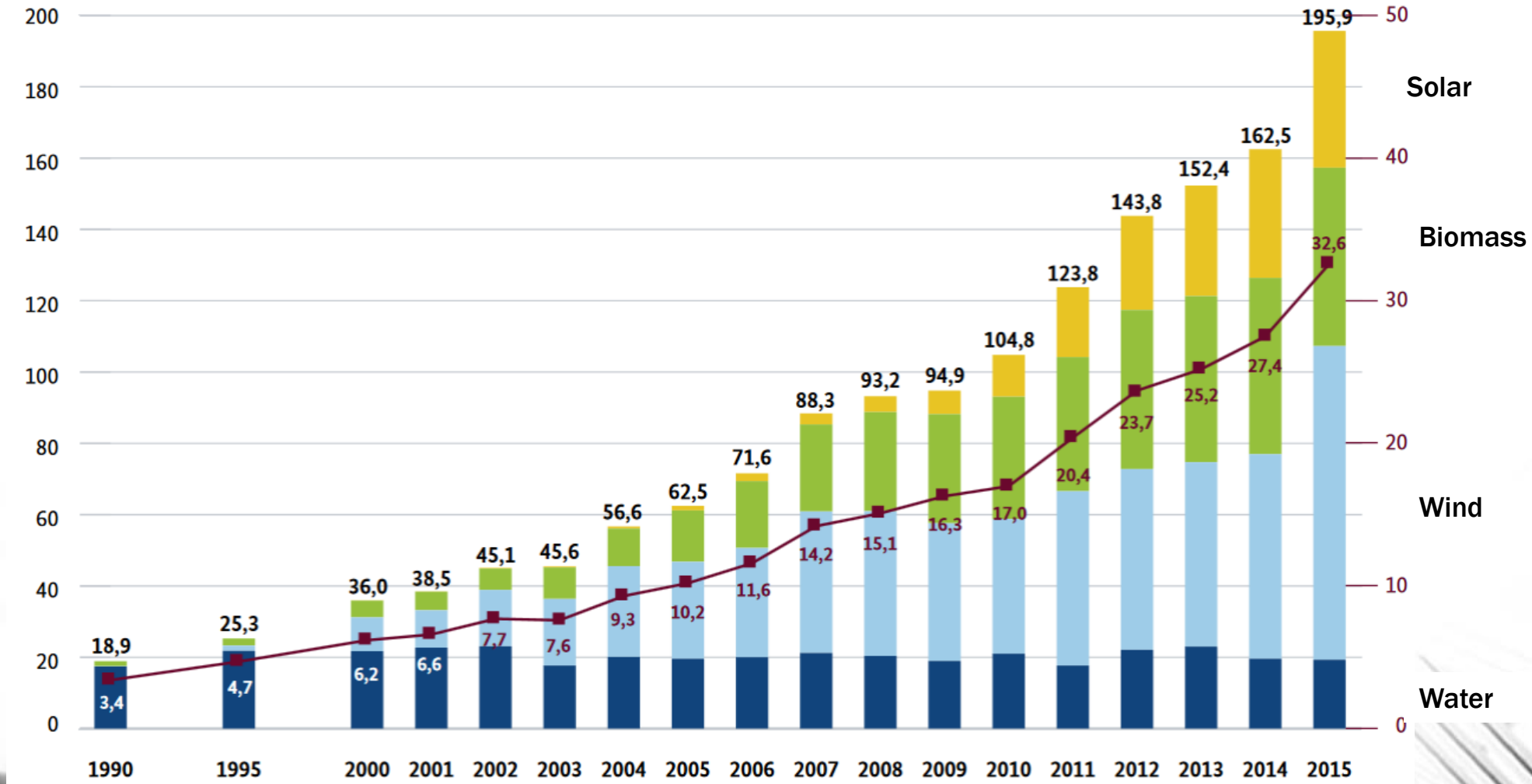


**KNE** | Kompetenzzentrum  
Naturschutz und Energiewende

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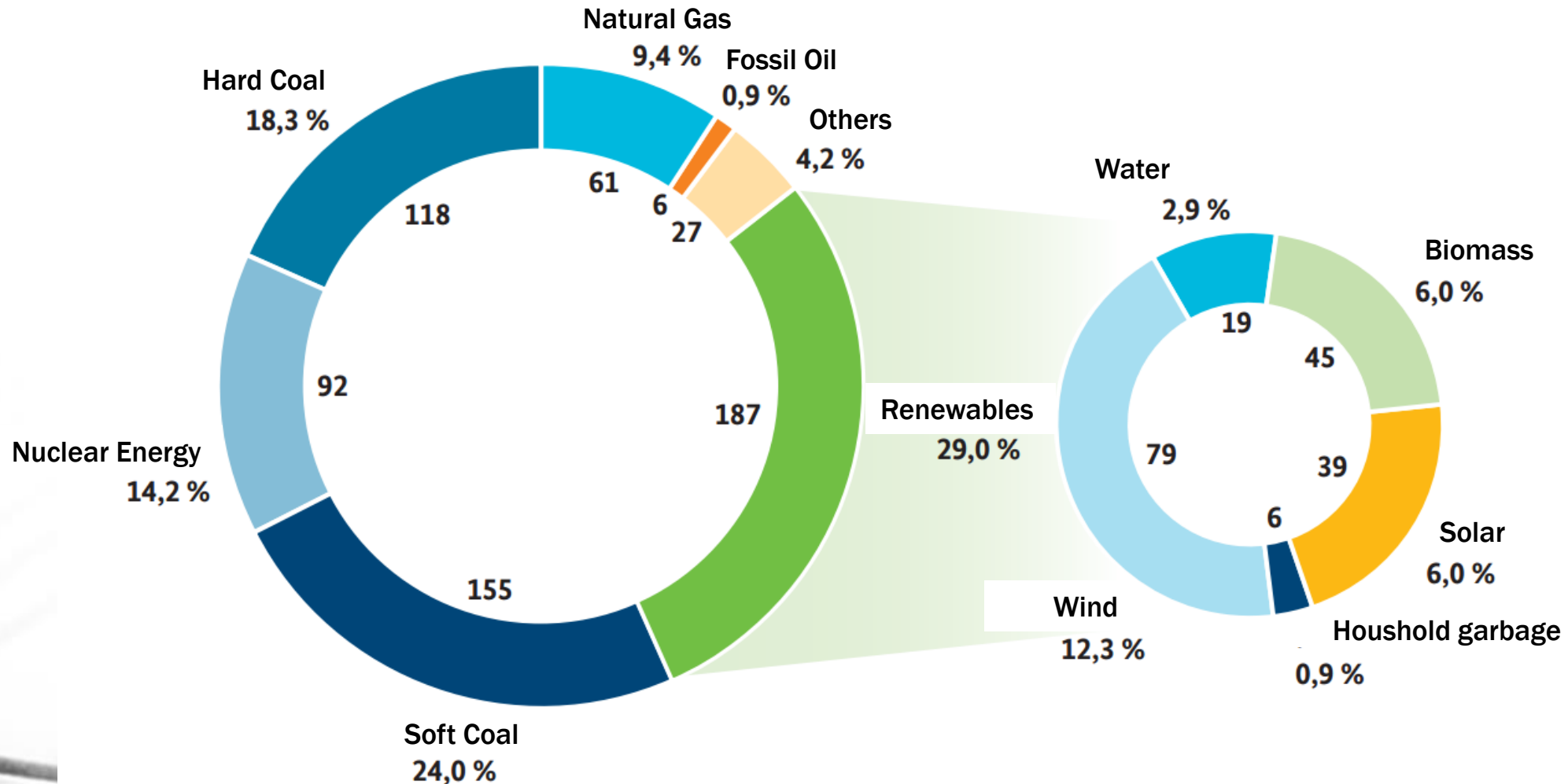
- **Development of Renewables in Germany**
- **Conflicts between Renewables and Nature**
- **The Competence Centre for Nature Conservation and Energy Transition**

# Development of Renewables in Germany 1990-2015 in TWh and Percentage



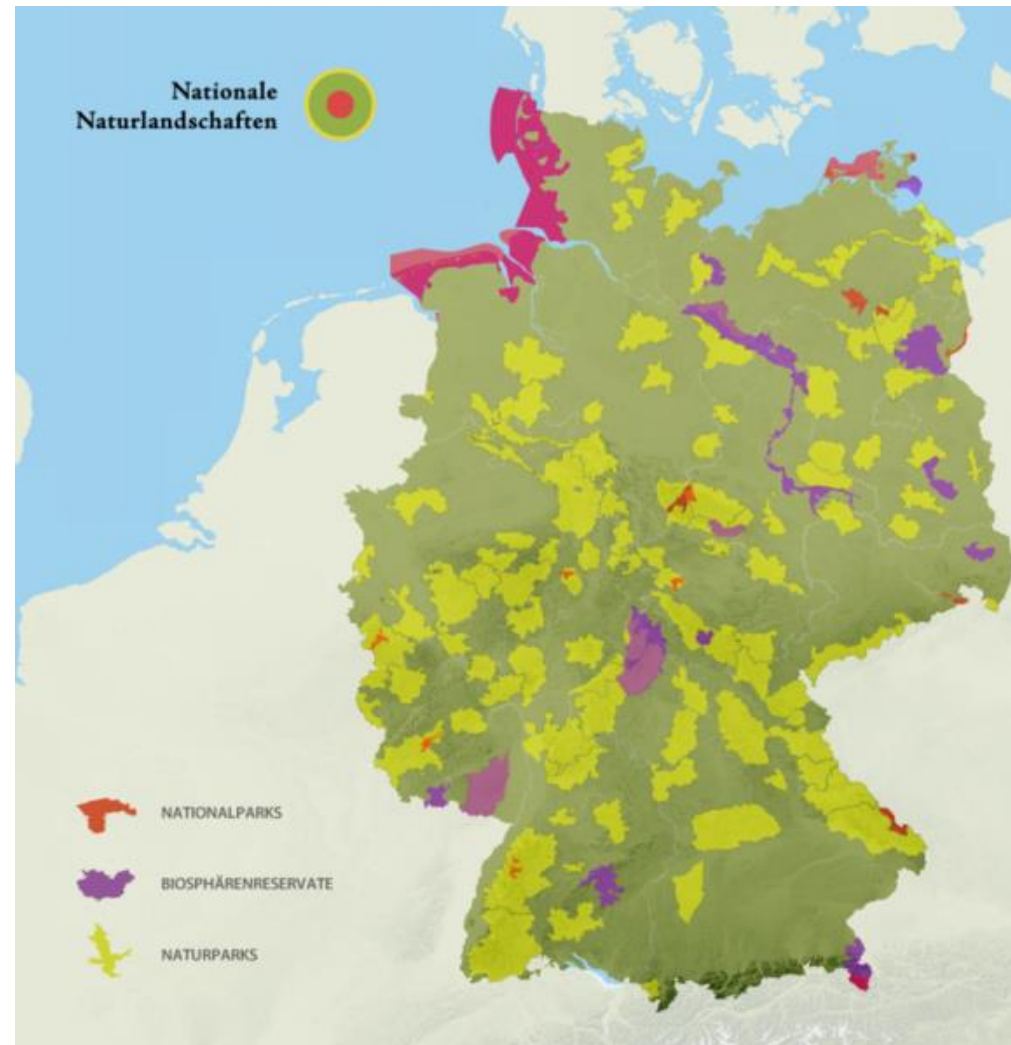
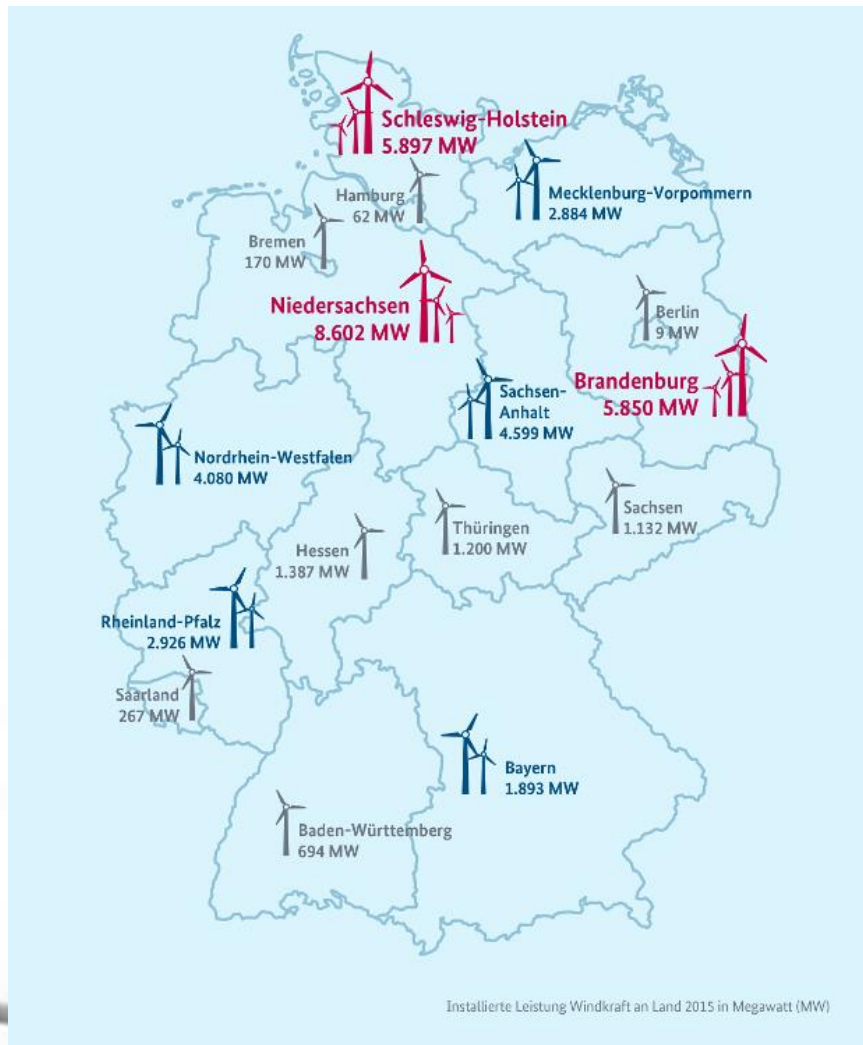
# Development of Renewables in Germany

## gross power production 2015 in Germany in TWh



# Development of Renewables in Germany

## geographical distribution of wind and natural landscapes



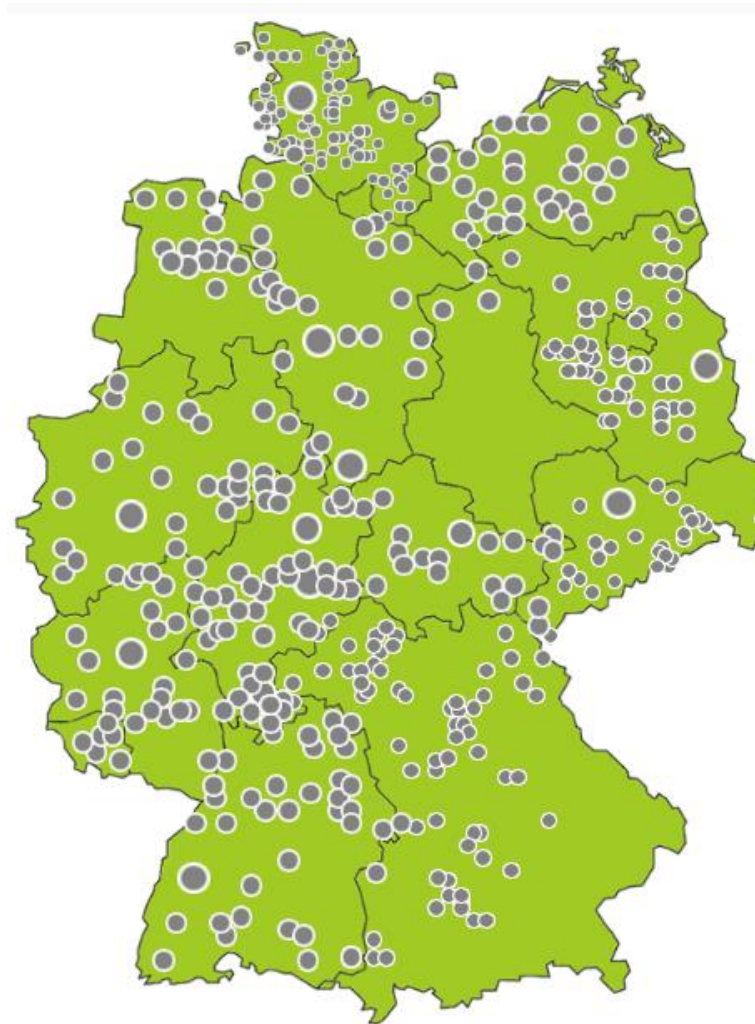
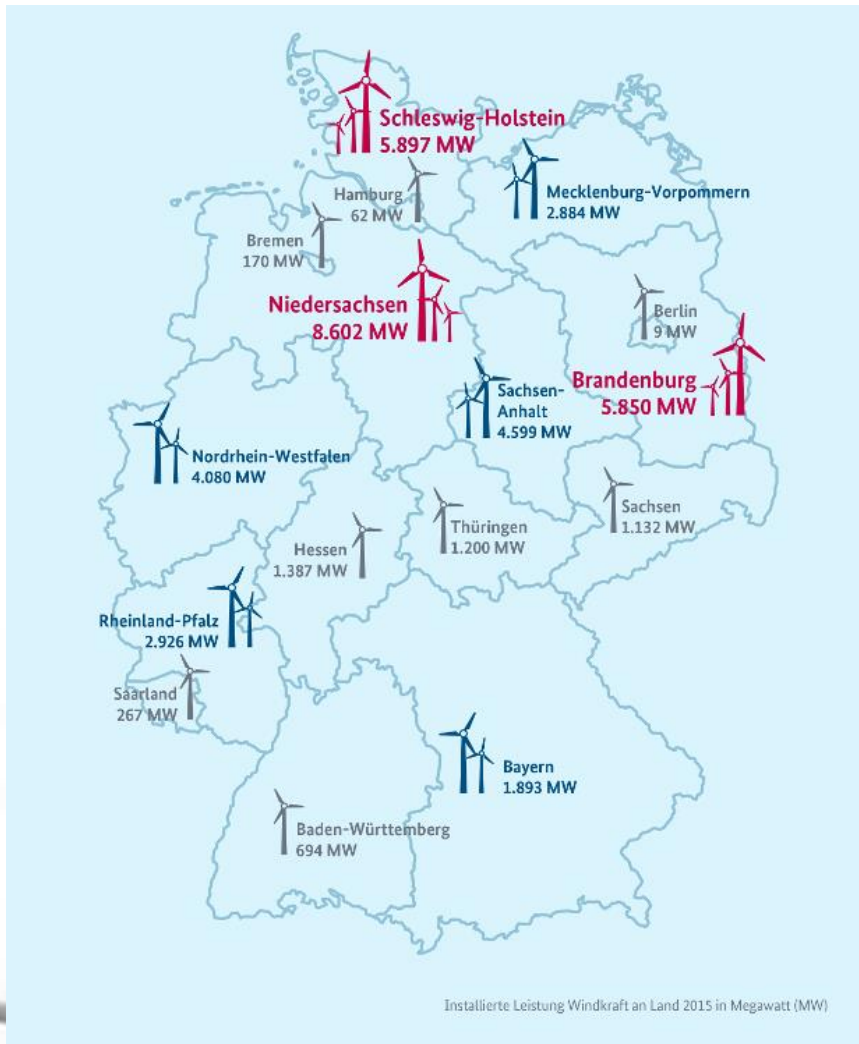
Source for picture left: <http://www.bmwi.de/DE/Themen/Energie/Energiewende/gesamtstrategie,did=753142.html>

Source for picture right: [http://www.nationalpark-hunsrueck-hochwald.de/fileadmin/\\_processed/\\_csm\\_Karte-NNL-1280-Legende-Logo\\_kompr1\\_086dbbb62e.png](http://www.nationalpark-hunsrueck-hochwald.de/fileadmin/_processed/_csm_Karte-NNL-1280-Legende-Logo_kompr1_086dbbb62e.png)



# Development of Renewables in Germany

## geographical distribution of wind and local initiatives against



Source for picture left: <http://www.bmwi.de/DE/Themen/Energie/Energiewende/gesamtstrategie,did=753142.html>

Source for picture right: <http://www.vernunftkraft.de/Bundesinitiative/>

# Conflicts between Renewables and Nature the red kite question





# Conflicts between Renewables and Nature

## the red kite question – solutions are possible



Source for picture: <http://3.bp.blogspot.com/-GpOETQgV3UE/Vq1jnjqfSI/AAAAAAAAoVk/rmHoQKoPdAo/s1600/red-kite.jpg>



# The Competence Centre for Nature Conservation and Energy Transition

- **Idea and History**
- **Philosophy: Neutrality and Independence**
- **Departements**
  - Specialist information
  - Conflict consulting
  - Expert dialogues

# The Competence Centre for Nature Conservation and Energy Transition

## Idea and History – Philosophy – Departements

Winter 2012  
First idea by  
NABU



# The Competence Centre for Nature Conservation and Energy Transition

## Idea and History – Philosophy – Departements



Winter 2012  
First idea by  
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During 2013  
Idea picked up  
by Minister



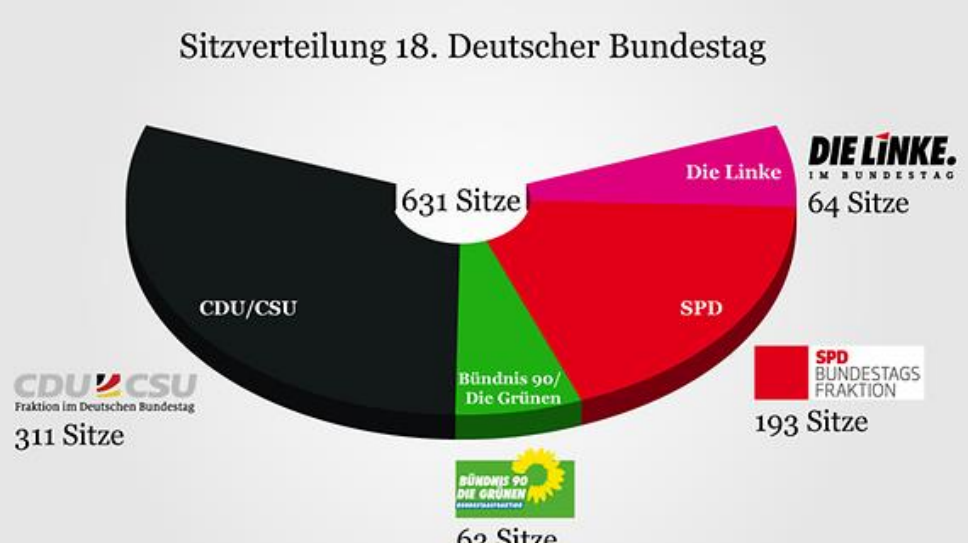
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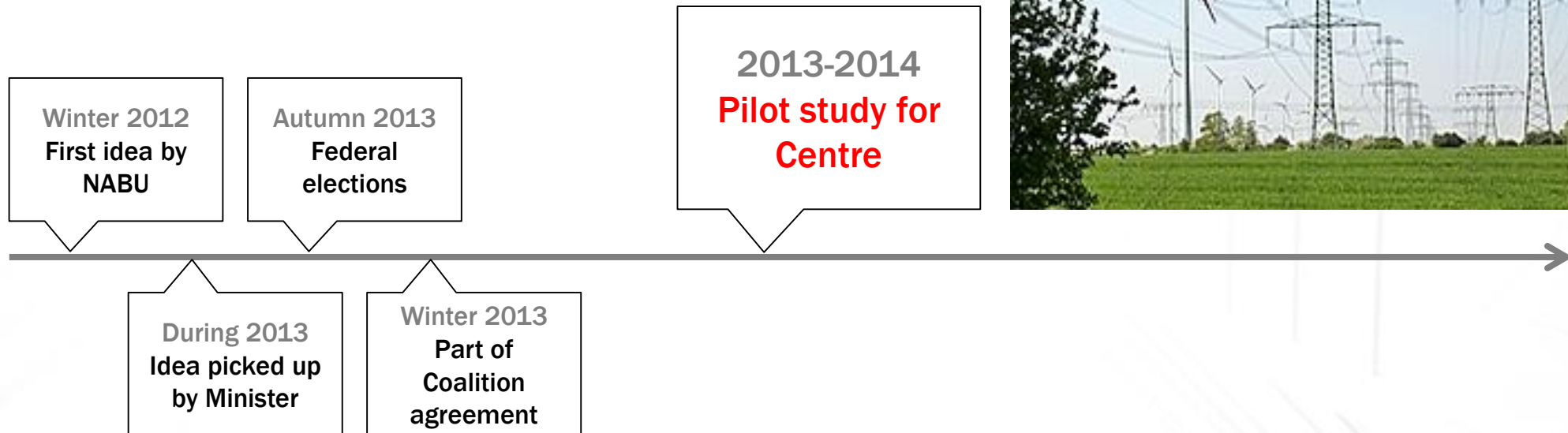
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## Idea and History – Philosophy – Departements



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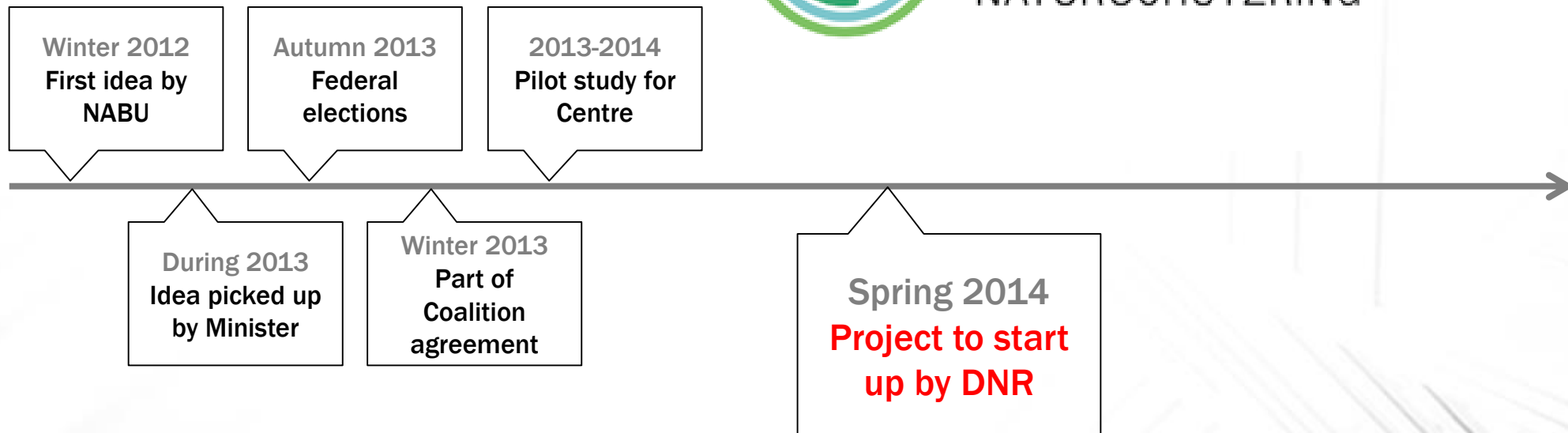


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## Idea and History – Philosophy – Departements



**DNR**  
DEUTSCHER  
NATURSCHUTZRING



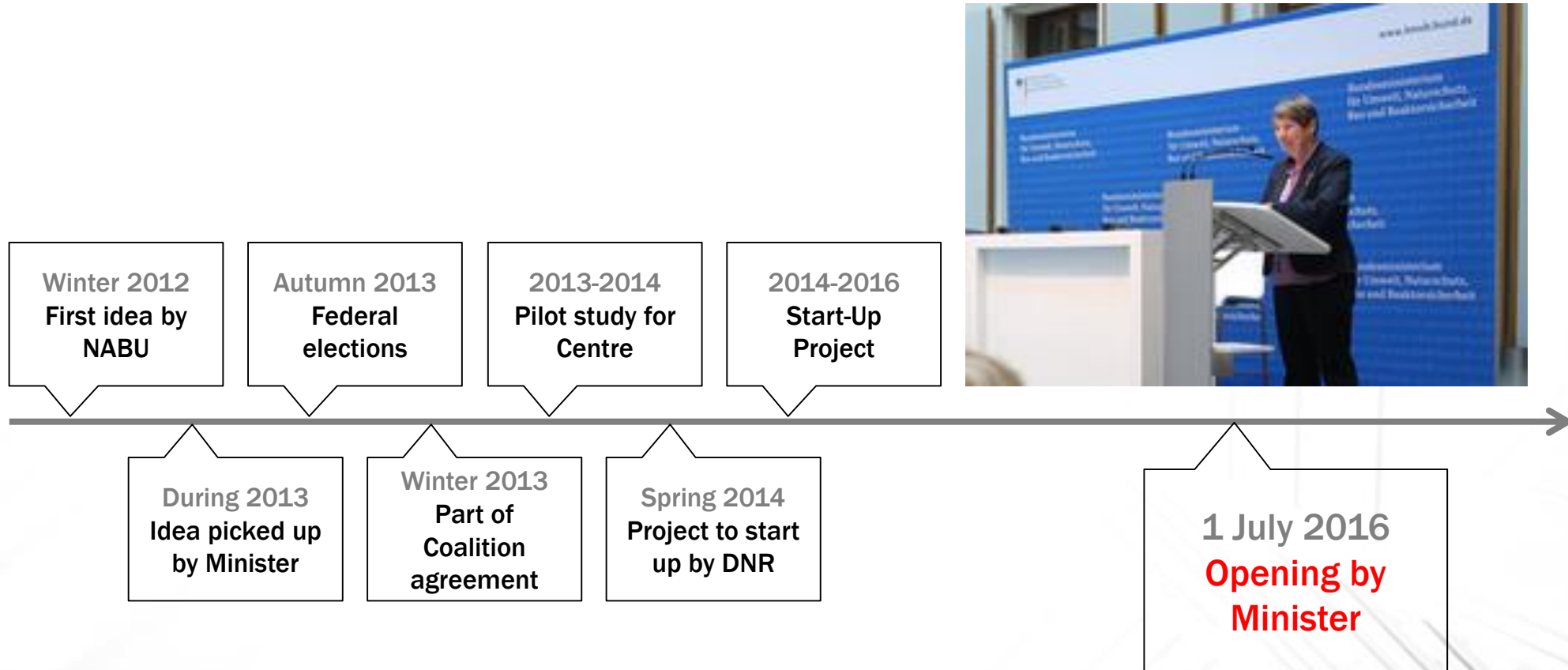
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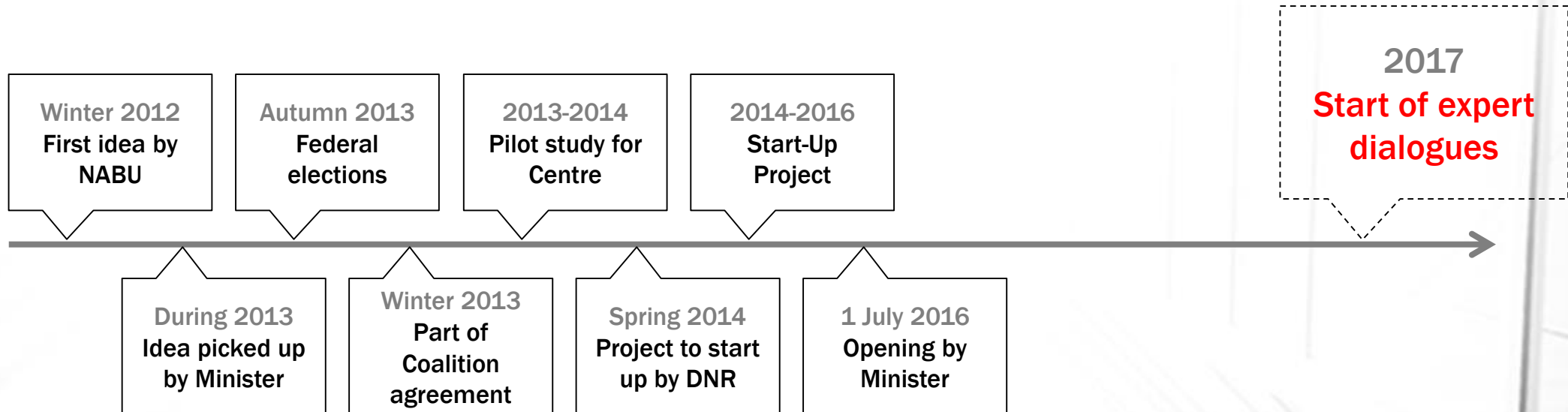
## Idea and History – Philosophy – Departements





# The Competence Centre for Nature Conservation and Energy Transition

## Idea and History – Philosophy – Departements



# The Competence Centre for Nature Conservation and Energy Transition

## Idea and History – Philosophy – Departements

- **Neutrality**
  - Stakeholder acceptance
  - Consulting process during start-up
  - Science based work
  - Advisory board vs political influence
- **Independence**
  - Advisory board
    - Stakeholder participation: nature conservation organisations, energy sector, authorities, and scientists.
  - Legal form
  - Finance

# The Competence Centre for Nature Conservation and Energy Transition

## **Idea and History – Philosophy – Departements**

- Specialist information

**We make our extensive knowledge available to all involved parties.**

- Conflict consulting

**We offer training for mediators in conflicts around nature protection and energy transition.**

- Expert dialogues

**We initiate and moderate specialist dialogues between parties involved in energy transition.**



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# Thank you for your attention!

[www.naturschutz-energiewende.de](http://www.naturschutz-energiewende.de)



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