



Kreisausschuss Marburg-Biedenkopf

„Master plan 100% climate protection“

*Stefan Franke, Master plan manager
District Marburg-Biedenkopf Administration*

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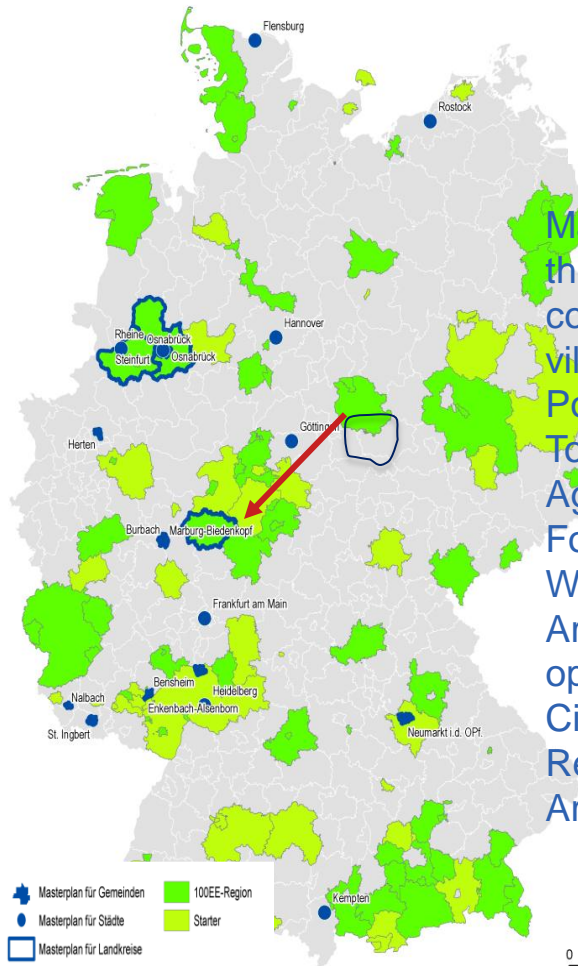
District Marburg-Biedenkopf



GEFÖRDERT DURCH:

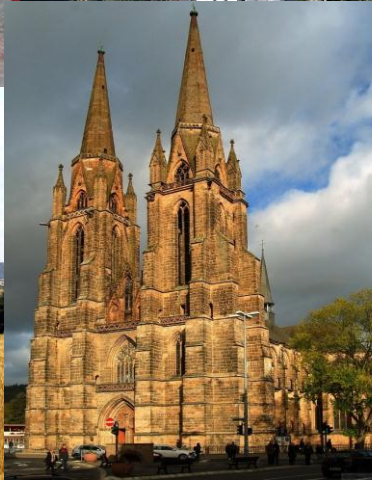


NATIONALE
KLIMASCHUTZ
INITIATIVE

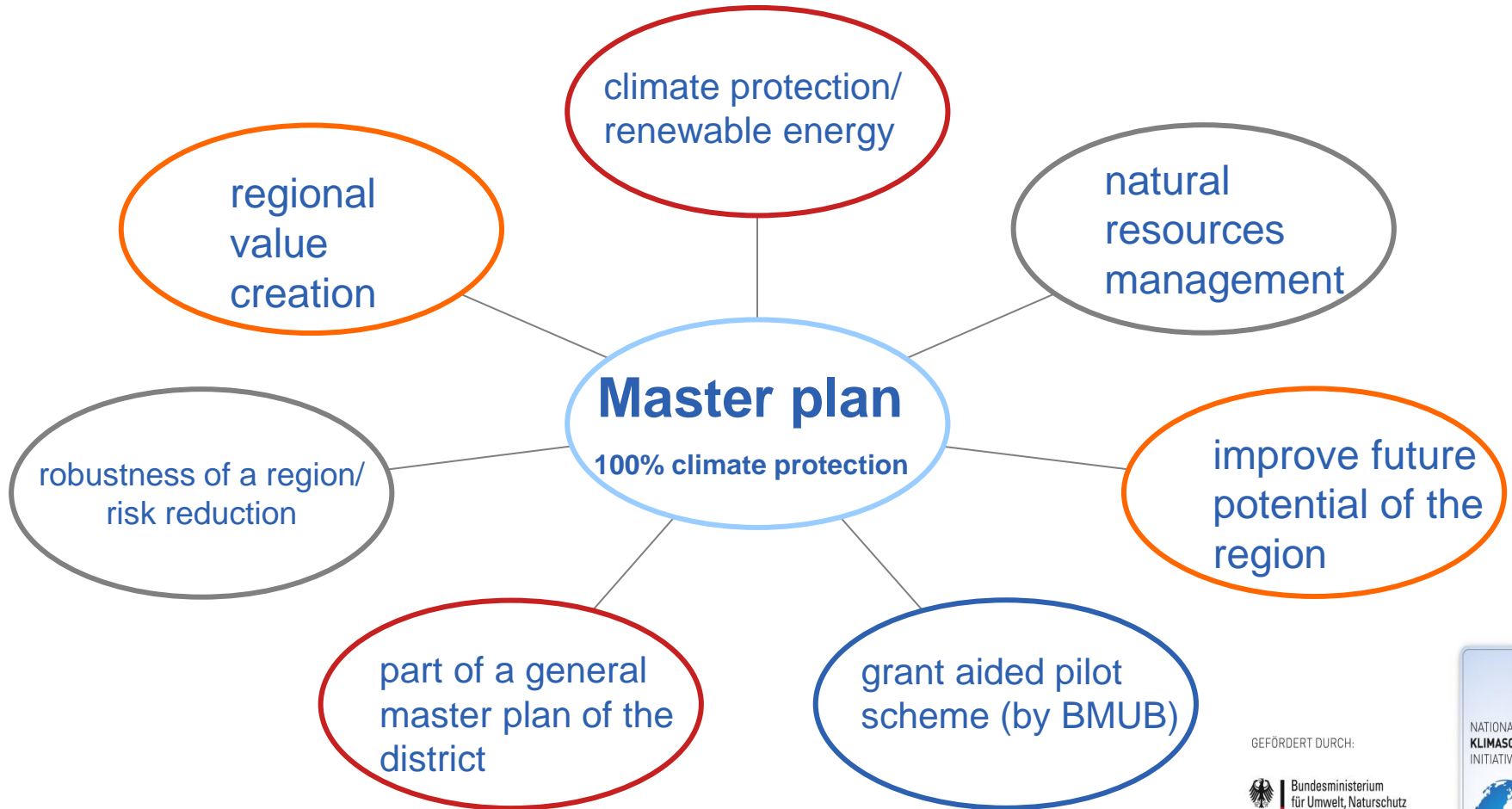


Marburg-Biedenkopf is one of the districts in Hesse. It is composed of 22 towns and villages.

- Population: approx. 241.000
- Total area: 1.262,56 km²
- Agricultural land: 44,1 %
- Forest area: 40,8 %
- Water area: 0,9 %
- Area covered by buildings and open space: 6,3 %
- Circulation area: 6,3 %
- Recreational area: 0,6 %
- Area of other use: 0,6 %



Why a Master plan ?



GEFÖRDERT DURCH:



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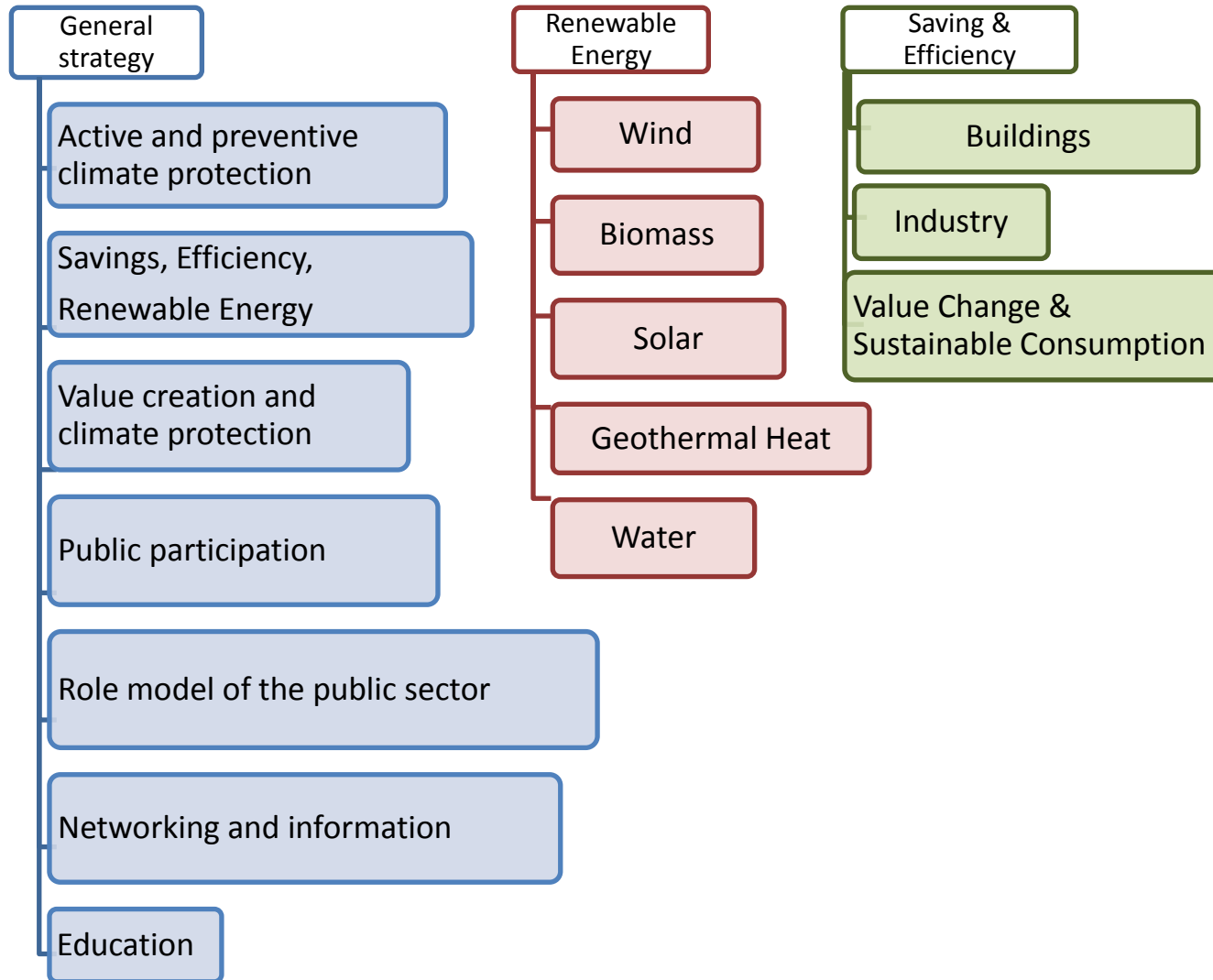
Master plan goals

Master plan goals 2050:

- 95% CO₂-emission
- 50% final energy
- 100% renewable energy (electricity and heat)
- implementation of a process management
- implementation of climate protection projects
- increase regional value creation



Guideline climate protection





Steps to a Master plan (region)

- Mobilisation and activation
- Development of goals
- Institutionalisation and coordination
- Communication
- Information/Know-How-Transfer
- Regional networking
- Implementation of actions
- Evaluation and monitoring



Master plan – Project stages

Whole time master plan project (July 2012 – June 2016)

(based of a former climate protection concept from 2011
an added some more topics like agriculture and mobility)

Stage 1: develop „Master plan 100% climate protection“

1.-18. Month (end 2013)

- implementation of process management
- to organize public workshops
- to work out the Master plan
- implementation of public advisory board
- Confirmation of the Master plan by the decision makers

**Longterm goal:
climate
protection
in the region**

Stage 2: implementation projects

19. – 48. month (2014 – June 2016)

- Implementation of climate protection projects
- start/go on networking of the players
- Implementation of an long term climate protection strategy

Master plan – Workshops

4 strategic fields of work

- Stakeholders + processes
- Networking + cooperation
- Information + motivation
- Consultation + implementation

4 fields of work in terms of content

- Urban area
- Rural area
- Infrastructure
- Society

| Akteure + Prozesse/Strukturen | Vernetzung + Kooperation | Information + Motivation | Beratung + Umsetzung |
|---|--|---|---|
| <ul style="list-style-type: none"> - Identifikation der Schlüsselakteure - gemeinsame Prozessplanung (Planungswerkstätten) - Gesamtstrategie entwickeln - Systemansatz an LK anpassen und verfeinern - Bürgerbeteiligung - Kooperation mit Kommunen/Unternehmen/Verbänden | <ul style="list-style-type: none"> - externe Vernetzung mit anderen Masterplan 100% Klimaschutz-Regionen - Vernetzung mit 100er-Regionen - Austausch mit Partnerkreisen aus Polen, England und Südtirol - Synergieeffekte entwickeln - Übertragbarkeit herstellen | <ul style="list-style-type: none"> - Öffentlichkeitsarbeit (Pressearbeit, ERNA, Homepage) - Entwicklung gemeinsamer Vision Klimaneutraler Landkreis (Bürgerforum) - Zusammenarbeit mit VHS - Energiemessen - Einbindung von Klimaschutz in Schulen - Beitritt social networks | <ul style="list-style-type: none"> - Etablierung Klimaschutzprozess - Automatismus für CO₂/Energie-Daten - Aufbau AGs/Steuerungsgruppe, Klimaschutzagentur - Monitoring Klimaschutzziele entwickeln - Steigerung Energieeffizienz durch Beratungsangebote - Aufbau Investoren-/Umsetzungsnetzwerke |

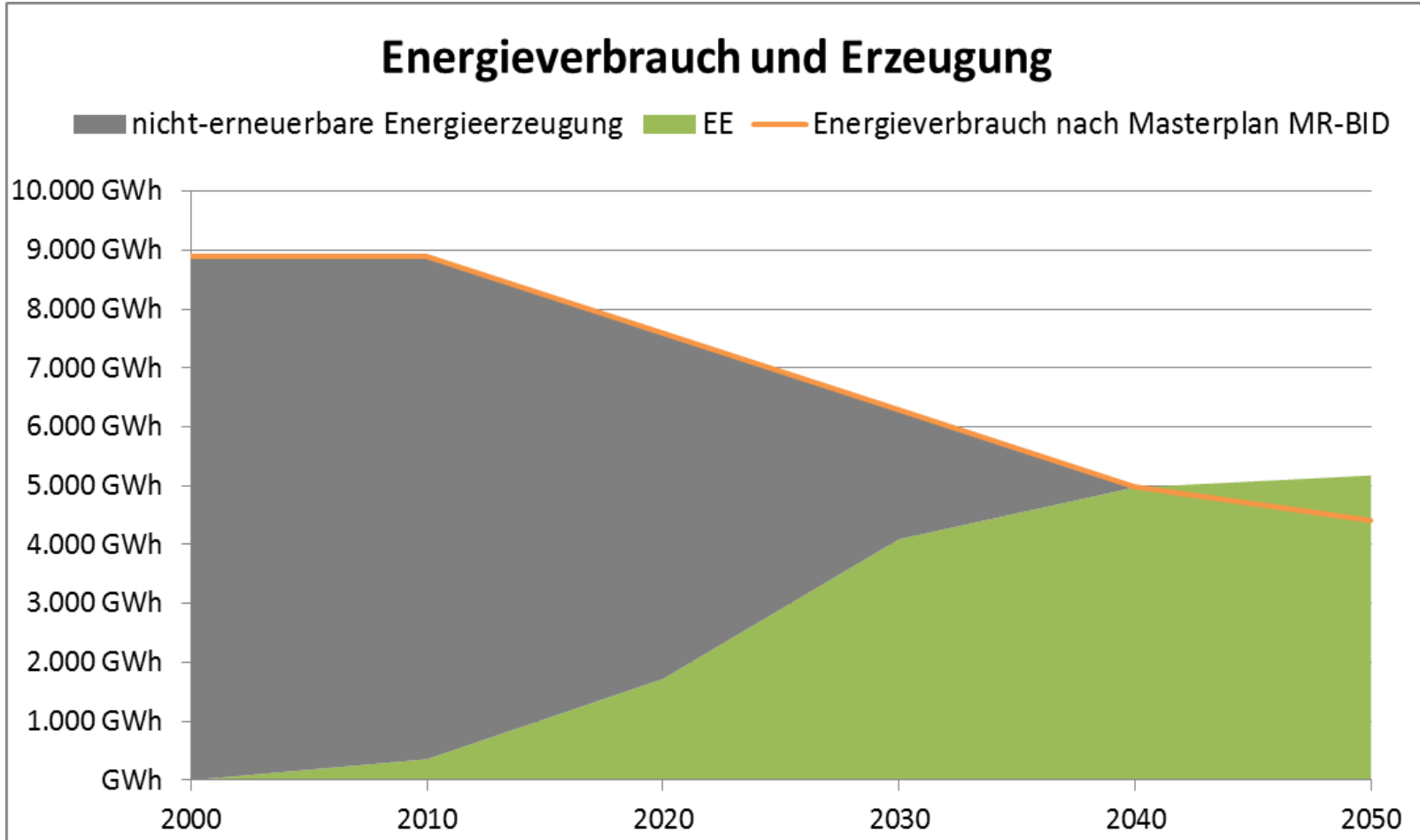
6 workshops with different stakeholders



Dialog process

- participation of key stakeholder
- exchange of ideas and networking
- to learn something (know how transfer)
- to encourage
- to inspire (pilot scheme, good practice exchange)
- to trust somebody

Scenarios Master plan – Energy consumption / generation





Scenarios Master plan

Regional value creation

- Energy costs in the district: approx 800 Mio. € /year
- Most of them based on fossil resources and from outside
- Goal: more regional value creation through regional renewable energy





Climate protection projects

Industry

- Cont. networking Industry&Energy (information/know-how transfer/best practice)

Agriculture & forestry

- Energy-hedges (combination of fostering /nature combination + biomass for energy generation)
- more use of wood/ligneous biomass for heating (eg. „Bio-Energy-Villages“)
- more use of agriculte remnat (eg. pellets of grass/straw)



Success factors

- stakeholder participation
- strong partners in politics and economy
- on-site energy supplier / regional energy sector
- networking with other participants
- mix of renewable energy sources
- sustainable use of resources
- combination with other topics/infrastructure
- competent process management
- improve regional value creation



Master plan: Summary

- The goals of Energy Transition (Energiewende) can only be achieved with further expansion of Renewable Energy and Energy Efficiency in rural areas. This results in
 - Decentralization of Energy Supply
 - Increasing the chances of success to make use of Energy Efficiency Potentials
- Citizens' Participation generates trust and acceptance and increases possibility for economic engagement.
- Climate Protection increases Regional Added Value Creation and becomes driving force for Sustainable Regional Development.
- Municipalities and Districts (Regions) are becoming most important areas of action and most important actors for energy transition.
- A master plan climate protection helps the whole region.



Thank you for your kind attention



Contact: District administration Marburg-Biedenkopf

Climate protection team

(Fachdienste Erneuerbare Energien/ Klimaschutz/ Energiemanagement)

Master plan manager (Stefan Franke)

Telefon: +49 6421 405 -1402

E-Mail: FrankeS@marburg-biedenkopf.de

www.marburg-biedenkopf.de