



Bundesministerium
für Wirtschaft
und Energie

Green Book, White Book, Electricity Market Bill

... moving forward to a modern electricity market
design in Germany



At one glance

1. GREEN BOOK – october 2014
2. WHITE BOOK – juli 2015
3. ELECTRICITY MARKET BILL- autumn 2015



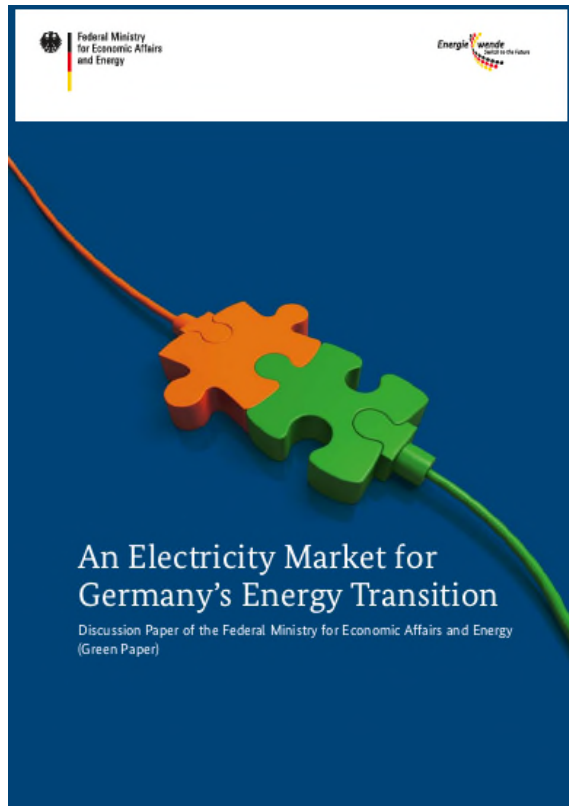
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1. GREEN BOOK - overview



- published in October 2014
- commissioned by the Federal Ministry for Economic Affairs and Energy
- based on the results of many studies & discussions

1. GREEN BOOK - first answers

- ✓ **starting point:** goal triangle / RE and climate goals
- ✓ **consequences:** security of supply not negotiable / flexibility is one answer
- ✓ **implementation:** no regret measures like
 - strengthening market price signals
 - European integration, expanding grids
 - capacity reserve

1. GREEN BOOK – open question



➔ electricity market 2.0 or capacity market?



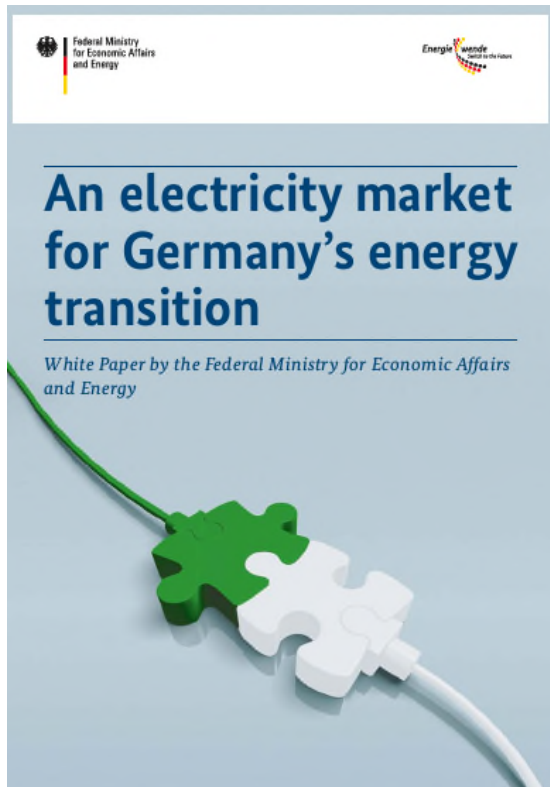
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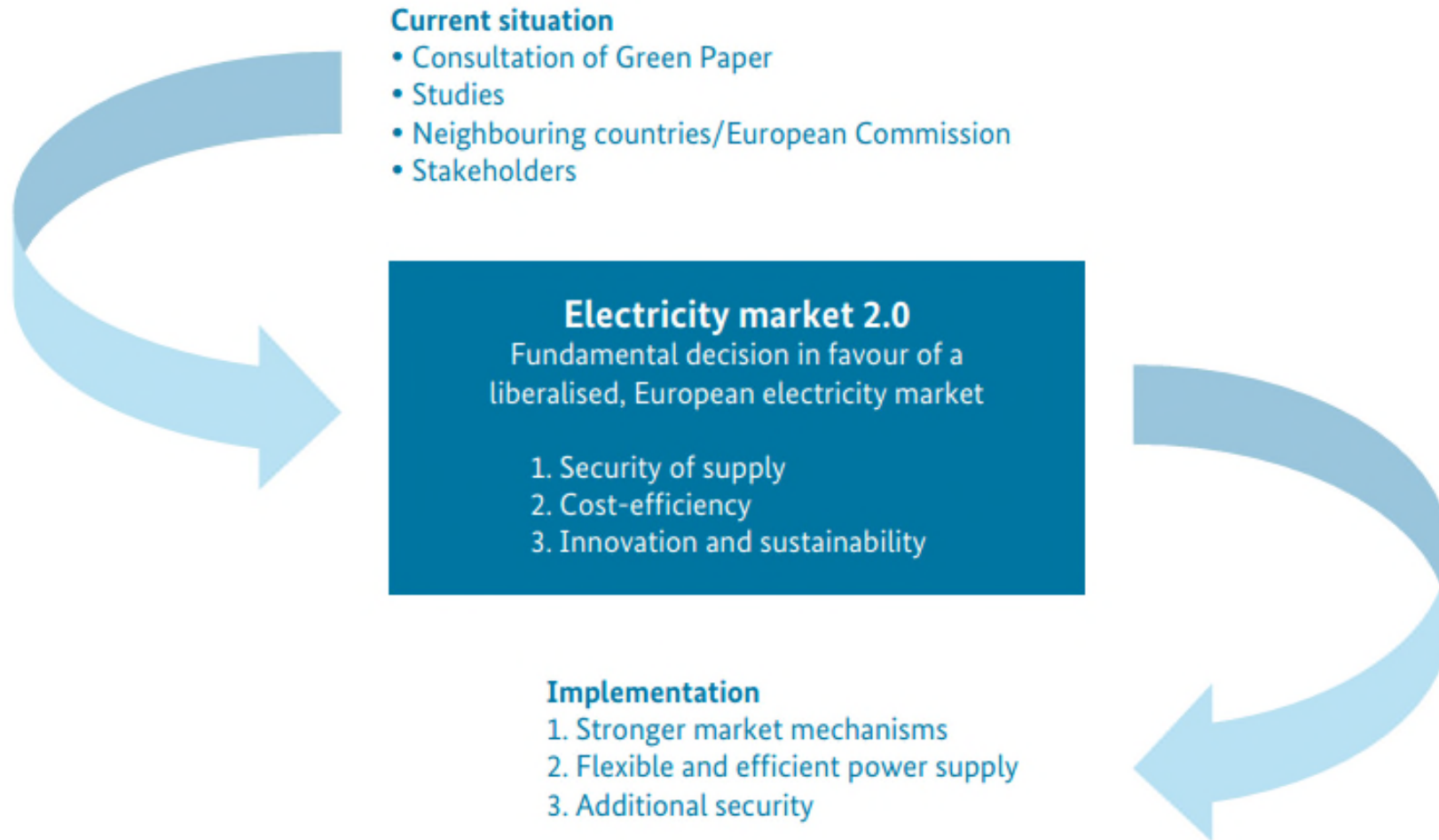
3. ELECTRICITY MARKET BILL- autumn 2015

2. WHITE BOOK – overview



- published in Juli 2015
- commissioned by the Federal Ministry for Economic Affairs and Energy
- based on the consultation of the Green Book, many studies & discussions

2. WHITE BOOK – decision and key points



2. WHITE BOOK – 20 measures (here: selection)

- ✓ guarantee free price formation
- ✓ strengthen obligations to uphold balancing group commitments
- ✓ open up balancing markets for new providers
- ✓ revise special grid charges to allow for more DSM
- ✓ monitor security of supply
- ✓ introduce capacity reserve



At one glance

1. GREEN BOOK – October 2014

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3. ELECTRICITY MARKET BILL- Autumn 2015

3. ELECTRICITY MARKET BILL - overview

**Referentenentwurf des
Bundesministeriums für
Wirtschaft und Energie**

Entwurf eines Gesetzes zur
Weiterentwicklung des Strommarktes
(Strommarktgesetz)

- ✓ primarily electricity-market-based measures
- ✓ on the basis of White Book and political agreement of 1. Juli

3. ELECTRICITY MARKET BILL – 1. Juli 2015

- ✓ **fundamental decision for electricity market 2.0**
 - capacity reserve
 - from 2021 up to 2 GW new and flexible power plants for South Germany

- ✓ **climate contribution electricity sector**
 - 2.7 GW lignite in reserve; no-way-back after four years

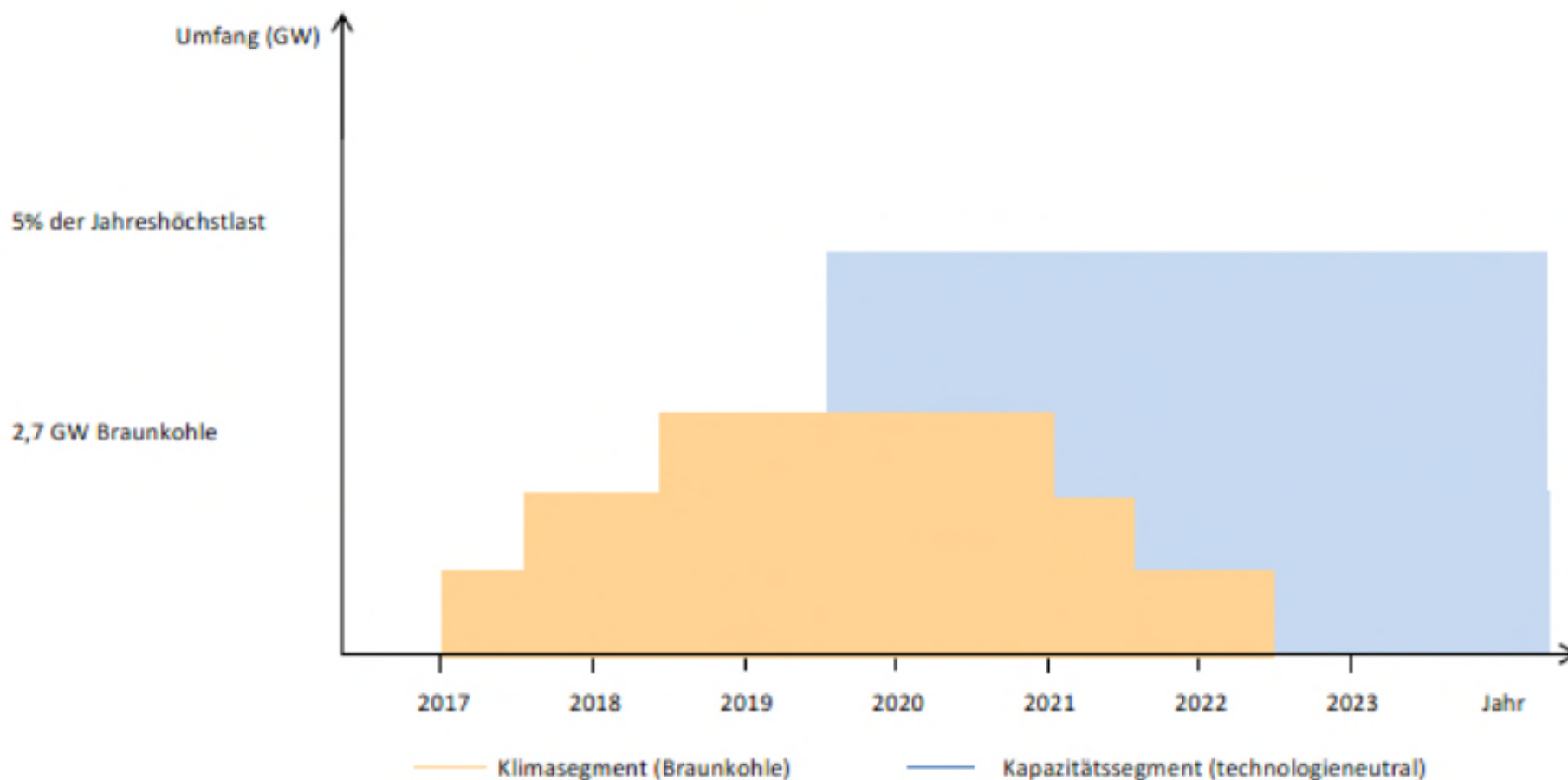
3. ELECTRICITY MARKET BILL – two reserves

- ✓ **introduce capacity and climate reserve**
 - main function: back-up for electricity market 2.0
 - additional function: contribution to climate goal

- ✓ **continue to develop grid reserve**
 - function: safeguard grids against particular load situations in the grid

3. ELECTRICITY MARKET BILL – capacity and climate reserve

Graphische Darstellung der Kapazitäts- und Klimareserve (vorläufig)

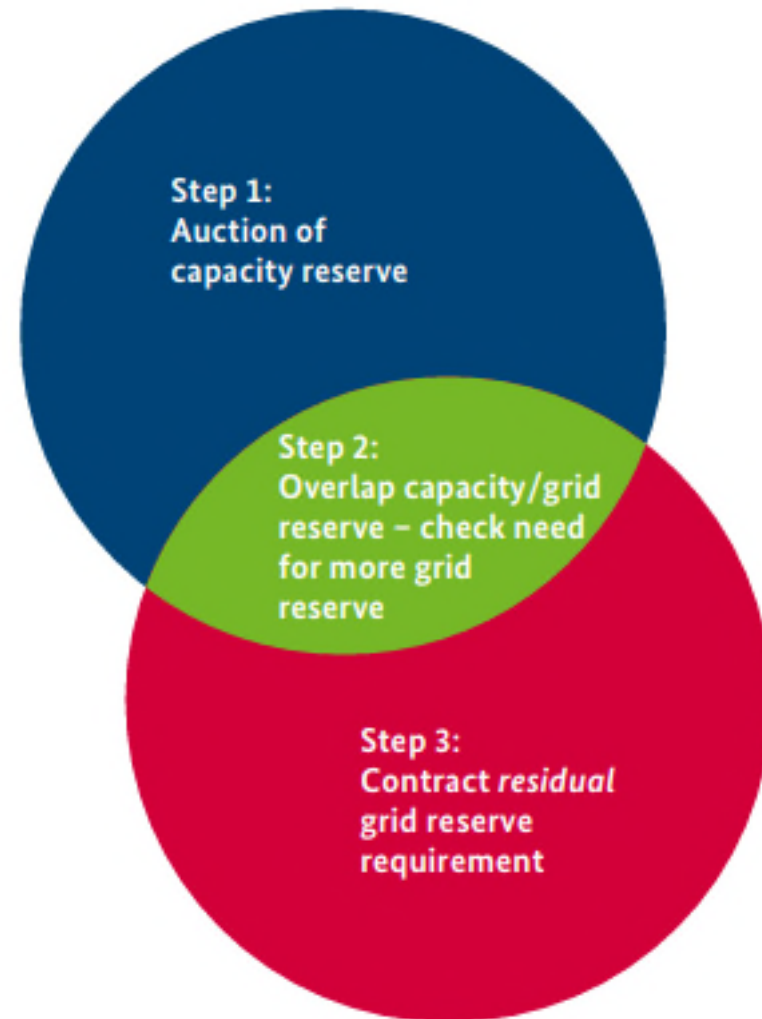


3. ELECTRICITY MARKET BILL – grid reserve

use synergies

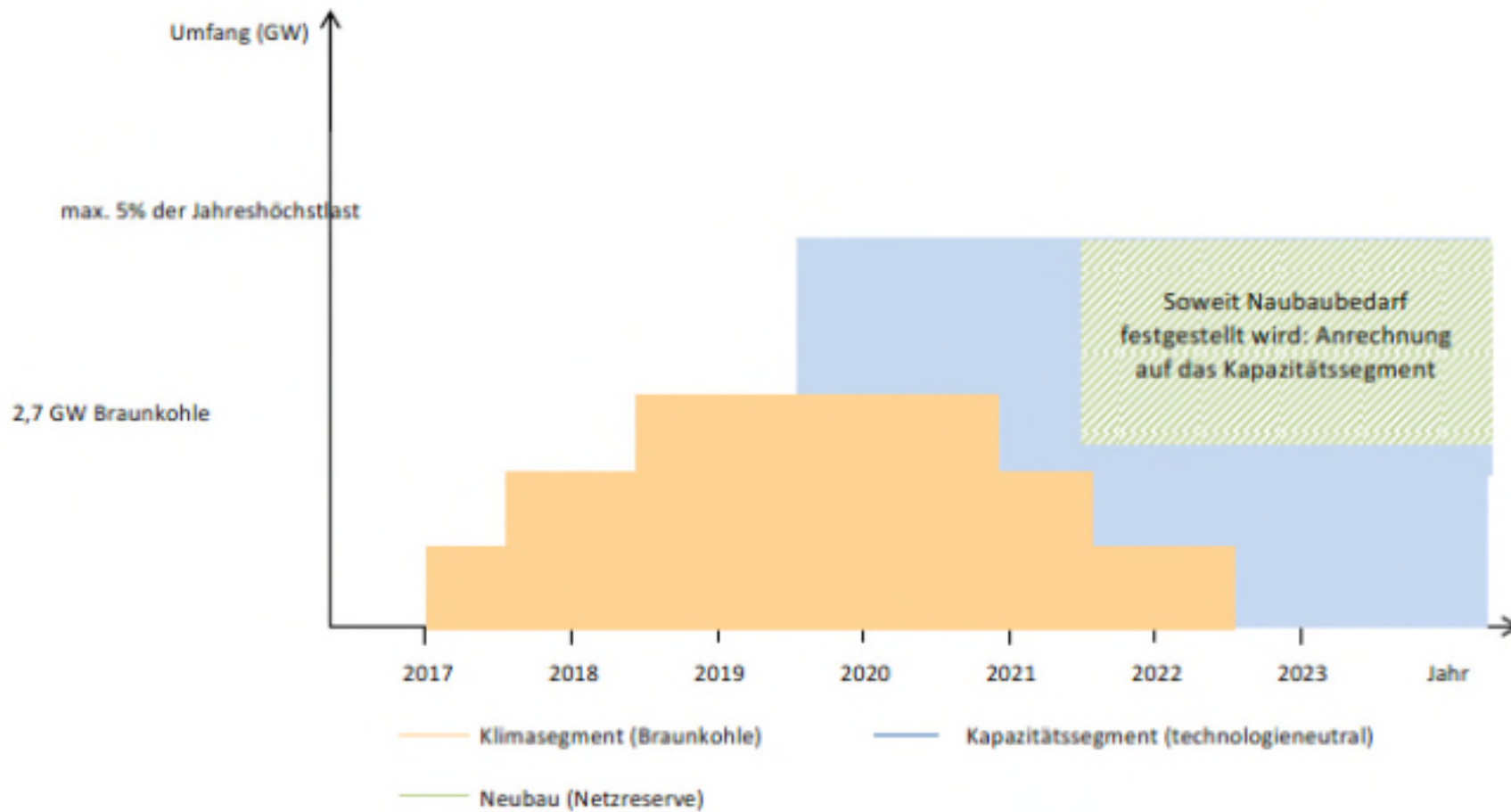
between reserves:

- ✓ reserves will be dovetailed
- ✓ three-step process



3. ELECTRICITY MARKET BILL – dovetailing reserves

Graphische Darstellung der Kapazitäts- und Klimareserve einschließlich Neubau (vorläufig)



3. ELECTRICITY MARKET BILL – next steps

Electricity Market Bill

Sept.-Oct.

... is being consulted with

Associations and Bundesländer

Autumn

... is talked over at cabinet meeting

Spring 2016

... comes into effect



CONCLUSION: Moving forward to the Electricity Market Bill

**... for a secure, cost-efficient and
environmentally friendly electricity market
design in Germany**