

# Legal, policy and regulatory research

## GoA 3.1 | Baltic InteGrid



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2. Work distribution

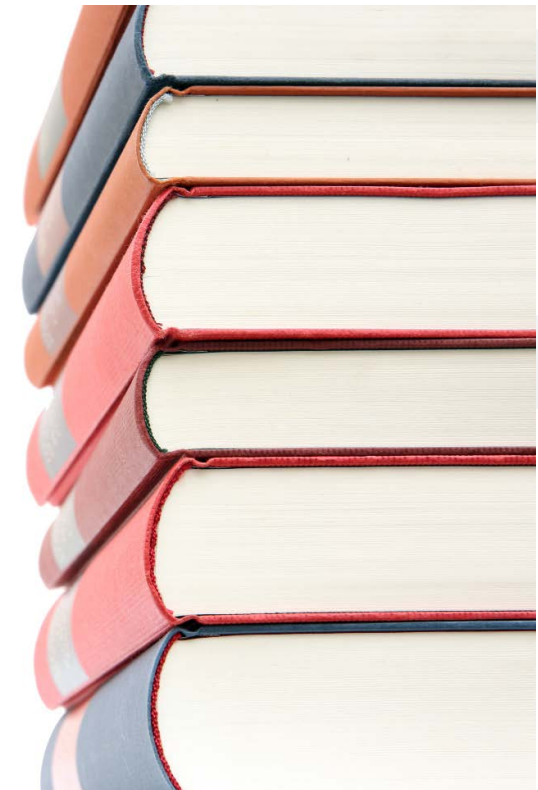
## II. International and EU Legal Framework

1. Basics
2. Current Winter Package

## III. National Frameworks

1. Inventories
2. Comparative Draft
3. Stakeholder Questionnaire

## IV. Outlook



## National expertise of the 3.1 partnership

 **Germany**

- Legal perspective
- Economic/regulatory perspective

 **Denmark**

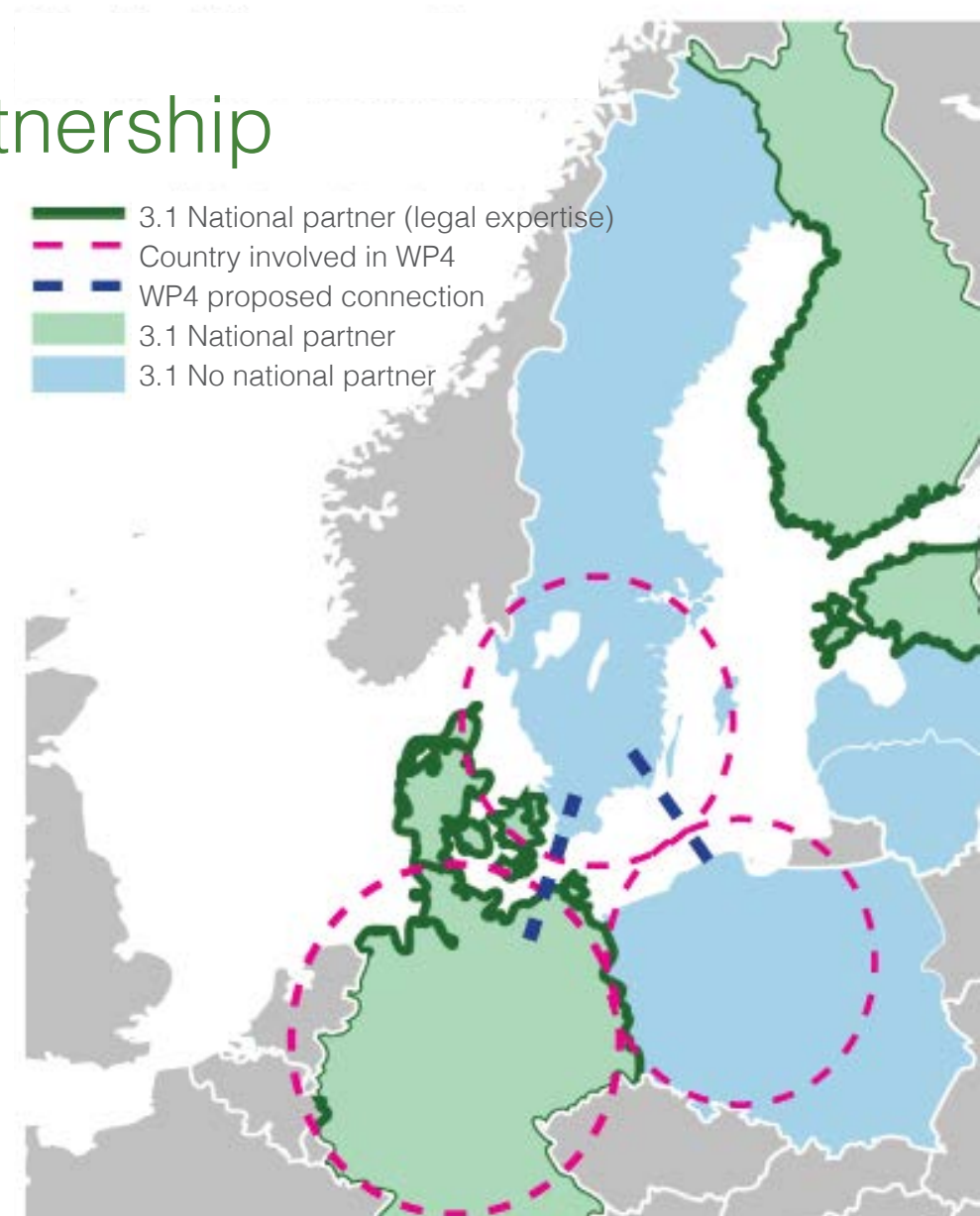
- Legal perspective: Acceptance issues
- Economic regulatory perspective

 **Finland**

- Legal perspective

 **Estonia**

- Legal perspective



## 3.1 Law, policy & regulation

Legal team

Economic team

Public  
acceptance

EIA, permitting procedures  
& authorisation

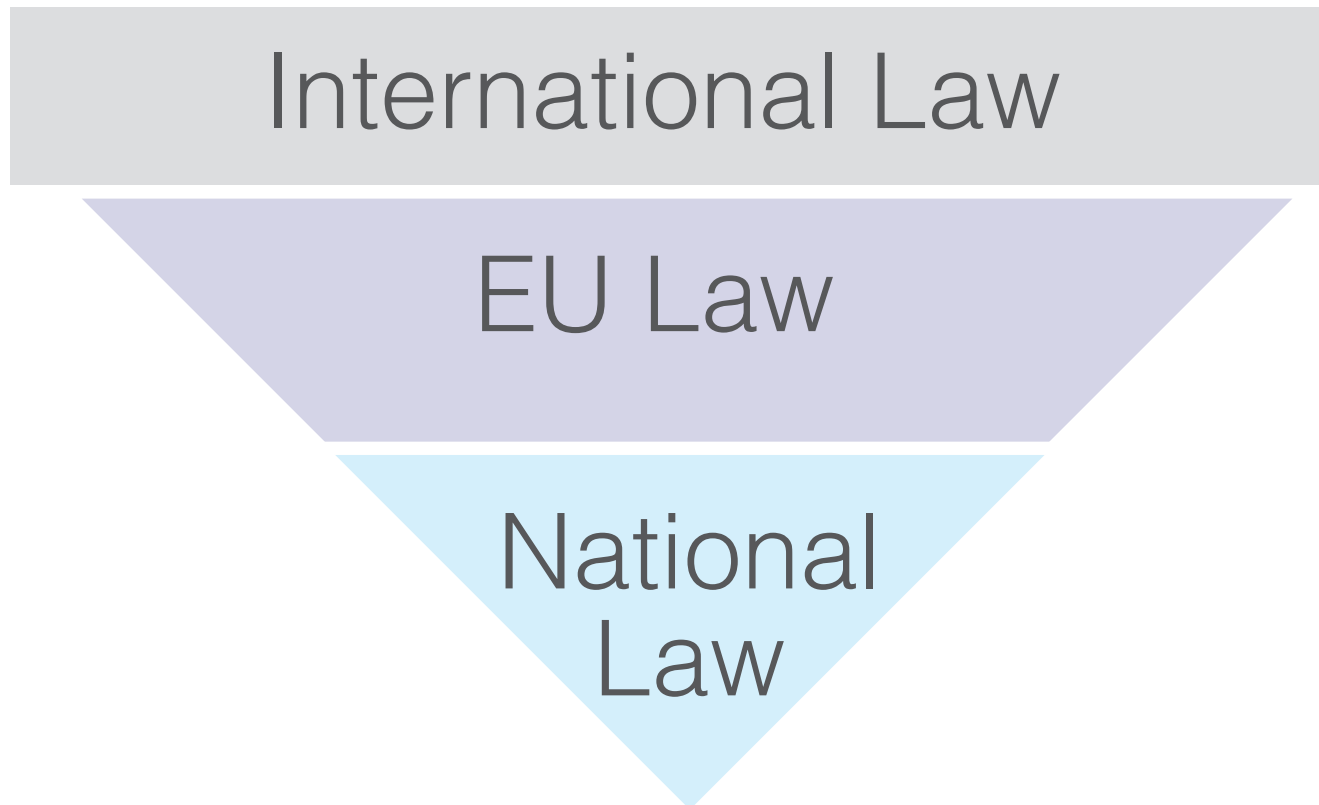
Abstract analysis

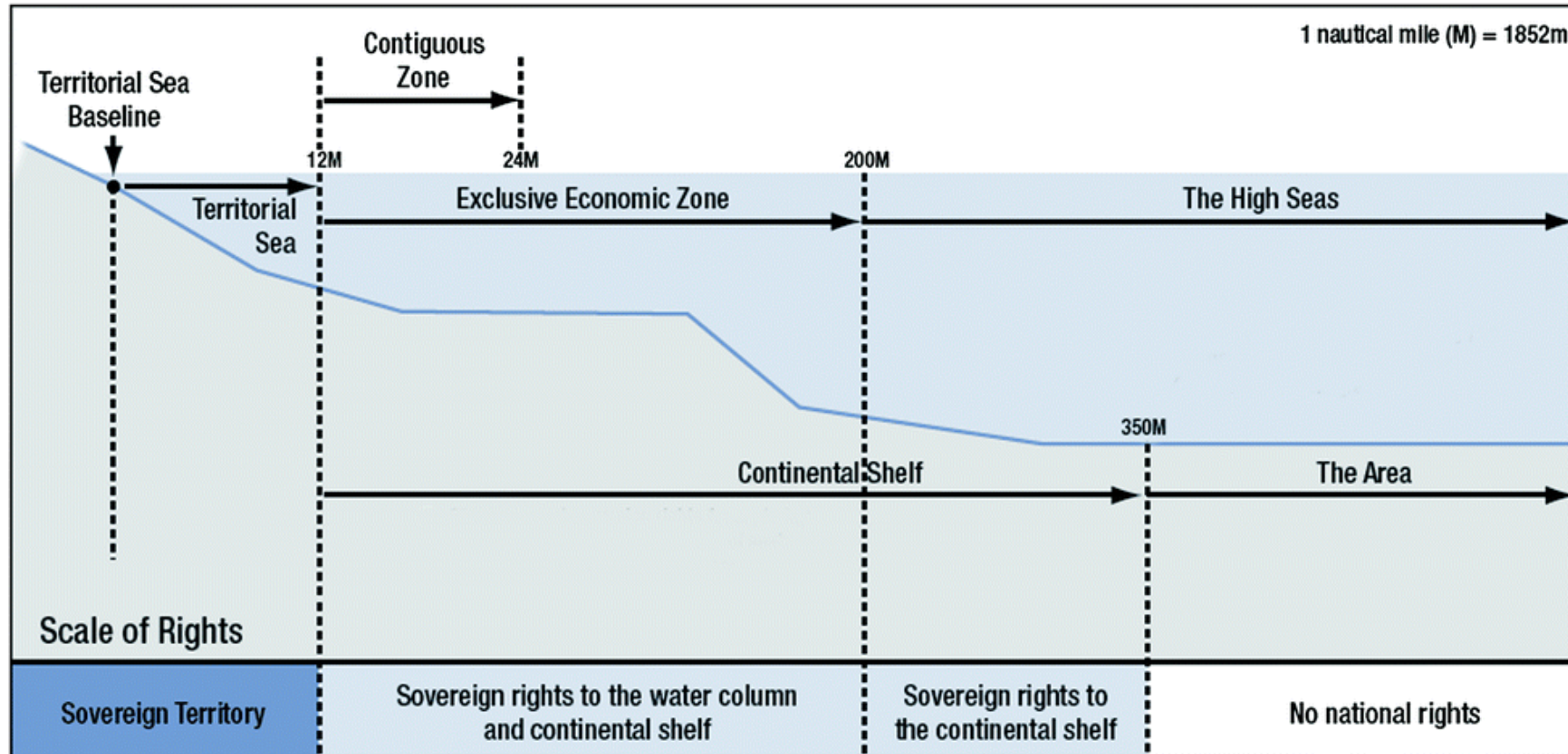
Comparative analysis of  
law and policy on RES,  
OWE & grid in the BSR

Transmission

Generation

## Levels of law:





- Art. 58 of the United Nations Convention Law of the Sea
- Regional Conventions for Baltic Sea

## EU law:

### Targets

- 10% interconnection by 2020
- 15% interconnection by 2030
- 27% Renewable energy by 2030
- 40% CO2-Reduction by 2030

### Competences

- Art. 114 TFEU:  
Internal Market
- Art. 170-171 TFEU:  
Trans-European Net-  
work
- Art. 191-193 TFEU:  
Environmental Issues
- Art. 194 TFEU: Energy

### Baltic Sea region

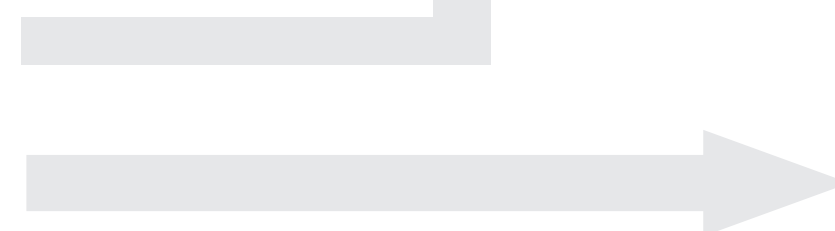
- EUSBSR
- EUBSR Action Plan
- CPMR
- BSPC
- BSSSC
- BDF
- BONUS
- BEMIP

# Third Energy Package

Published in September 2007 and transposed by March 2009



Network Codes



TYNDP





## Current Winter Package

Presented by the European Commission on 30.11.2016

### Content

- 27% Renewable Energy
- Opening support schemes to other MS:  
10% by 2021-2025, 15% by 2026-2030
- Introduction One-Stop-Shop
- No more priority access for RES in MS  
with 15% share
- „Regional Operation Centers“

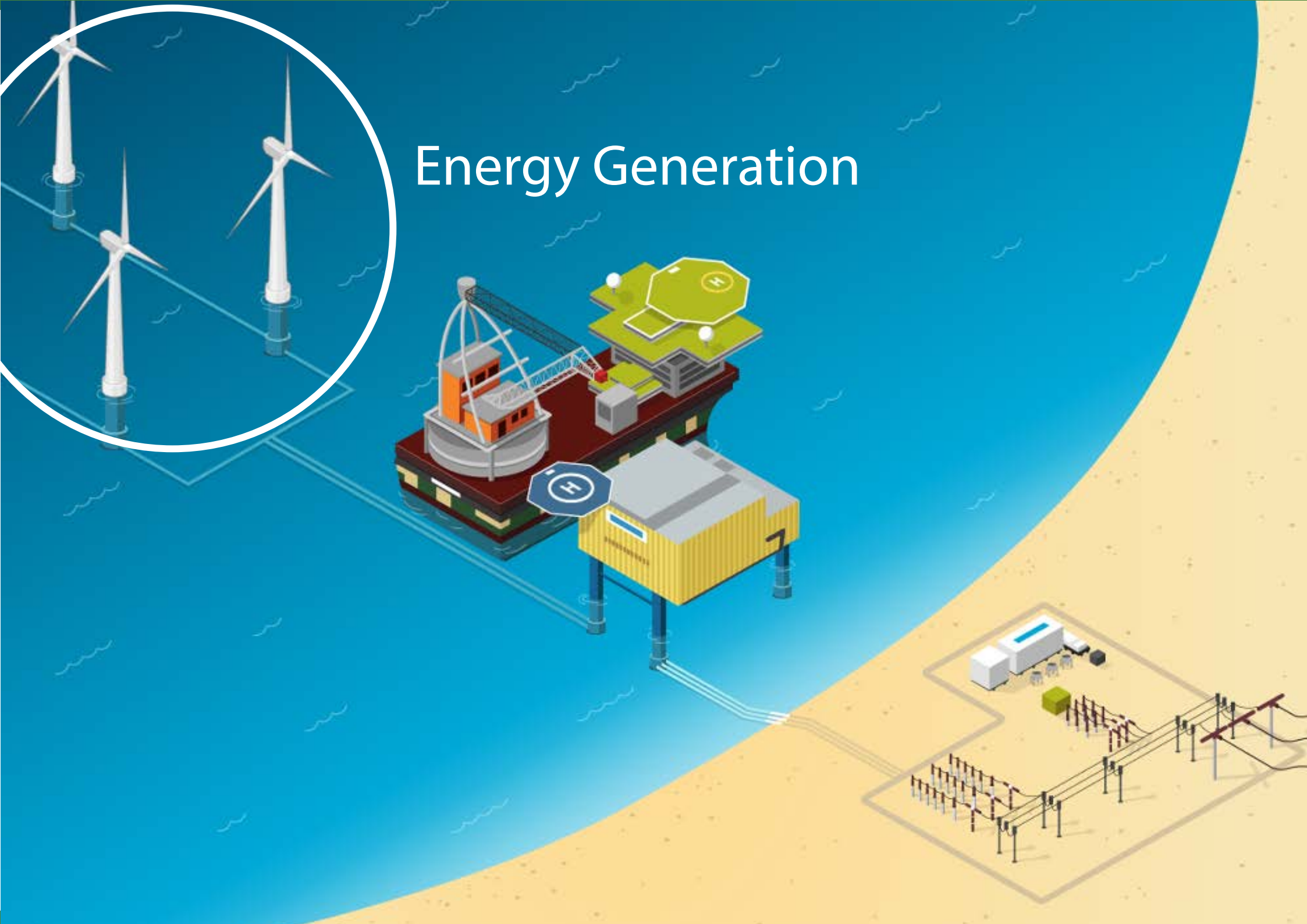
### Recast/Reform

- Renewable Energy Directive
- Governance Directive
- Energy Efficiency Directive
- Electricity Regulation
- Electricity Directive
- Energy Agency Regulation
- Ecodesign Directive

# National frameworks



# Energy Generation



# Energy Generation



# Transmission



# Inventory

Transmission

Production

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# From inventory to country report

Project already commissioned:

	Year of commissioning	Capacity
Vindeby	1991	5
Tung Knob	1995	5
Middelgrunden	2001	40
Horns Rev 1	2002	160
Samso	2003	23
Rønland	2003	17
Frederikshavn	2003	8
Nysted	2003	165
Horns Rev 2	2009	209
Avedøre Holme	2009/10	11
Sprogø	2009	21
Rødsand 2	2010	207
Anholt	2012	400

c) Planned projects (Please attach a map showing planned projects)

## 1) OW farms connections

Two projects are ongoing (Horns Rev 3 and Kriegers Flak) and two onshore projects were recently granted (vattenfall being the operator).

### Planned projects

	Year of commissioning	Capacity
Horns Rev 3	2017	400
Kriegers Flak	2021	600
<b>Nearshore</b>		
Vesterhav Syd	2019	
Vesterhav Nord	2019	350

### Kriegers Flak<sup>2</sup>

Kriegers Flak is a combined grid solution used for connection of offshore wind farms Kriegers Flak, Baltic 1 and Baltic 2 and interconnections between Denmark and Germany. Sweden also has selected its area in the Kriegers Flak waters. It is estimated that Kriegers Flak will be able to accommodate up to 1,600 MW offshore wind turbines.

Energinet.dk is responsible for preliminary investigation including EIA on both the farm site and the cable running ashore and on hydrographic surveys etc.

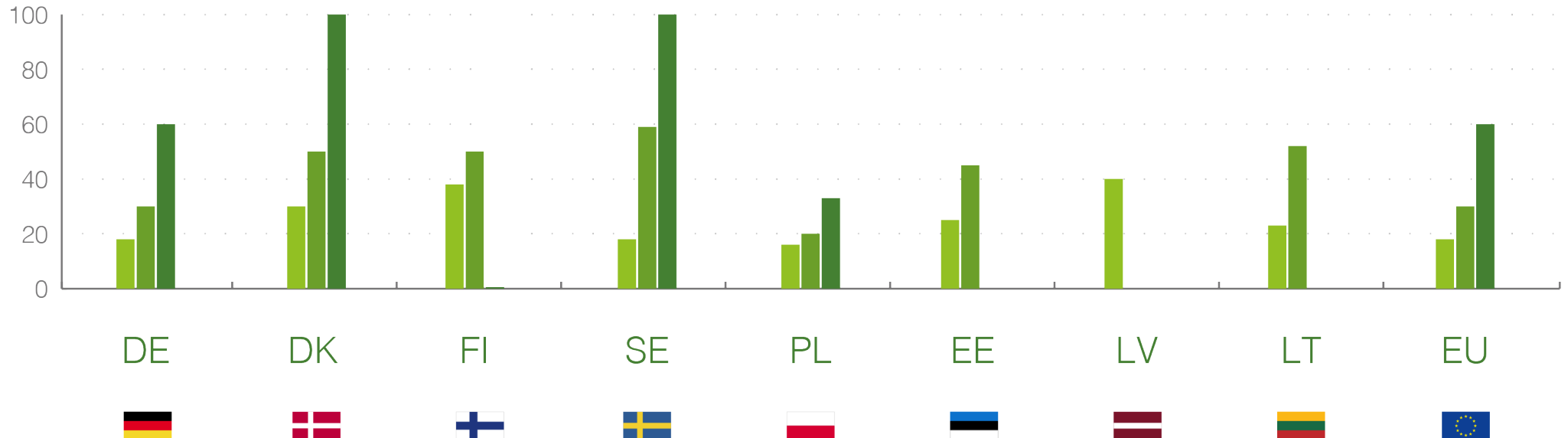
## Offshore Wind in the Baltic Sea: Legal and Policy Frameworks on Energy Transmission and Generation

### Country Report:

# Political targets in the BSR: RES integration

in %

■ 2020    
 ■ 2030    
 ■ 2050



## Determination of remuneration rate

### Administrative

DE EE






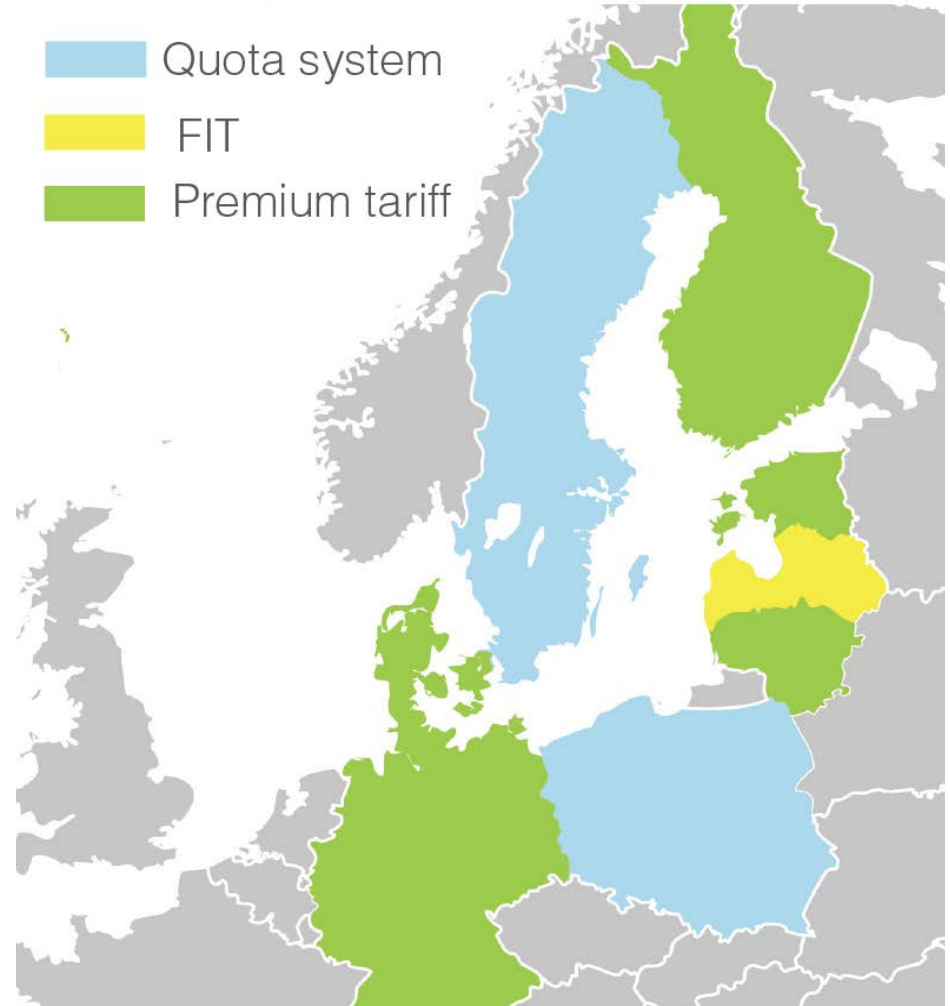
### Tender

LV DK FI PL LT DE



## OWE support schemes

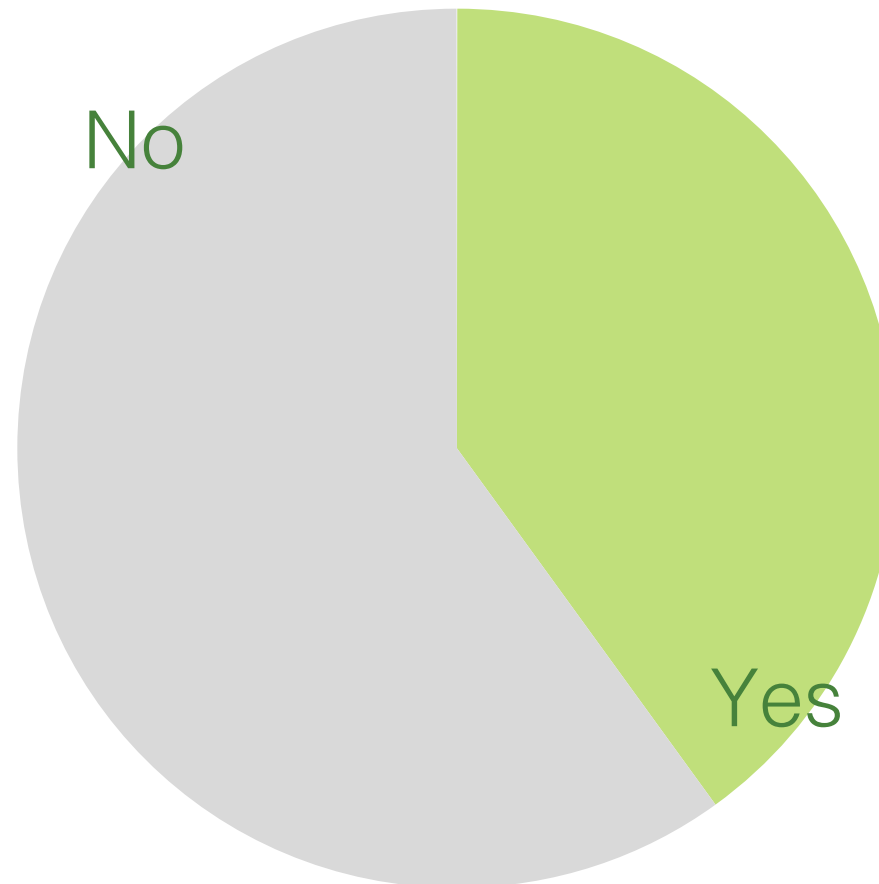
-  Quota system
-  FIT
-  Premium tariff





## Operating the grid: RES priority?

-  Finland: §§ 21, 18 Act No. 588/2013
-  Sweden: Chapter 1 § 5 in connection with Chapter 4 § 1 par. 2 Electricity Act
-  Estonia: § 65 par. 2 ELTS
-  Latvia: § 13 par. 1 Electricity Market Law

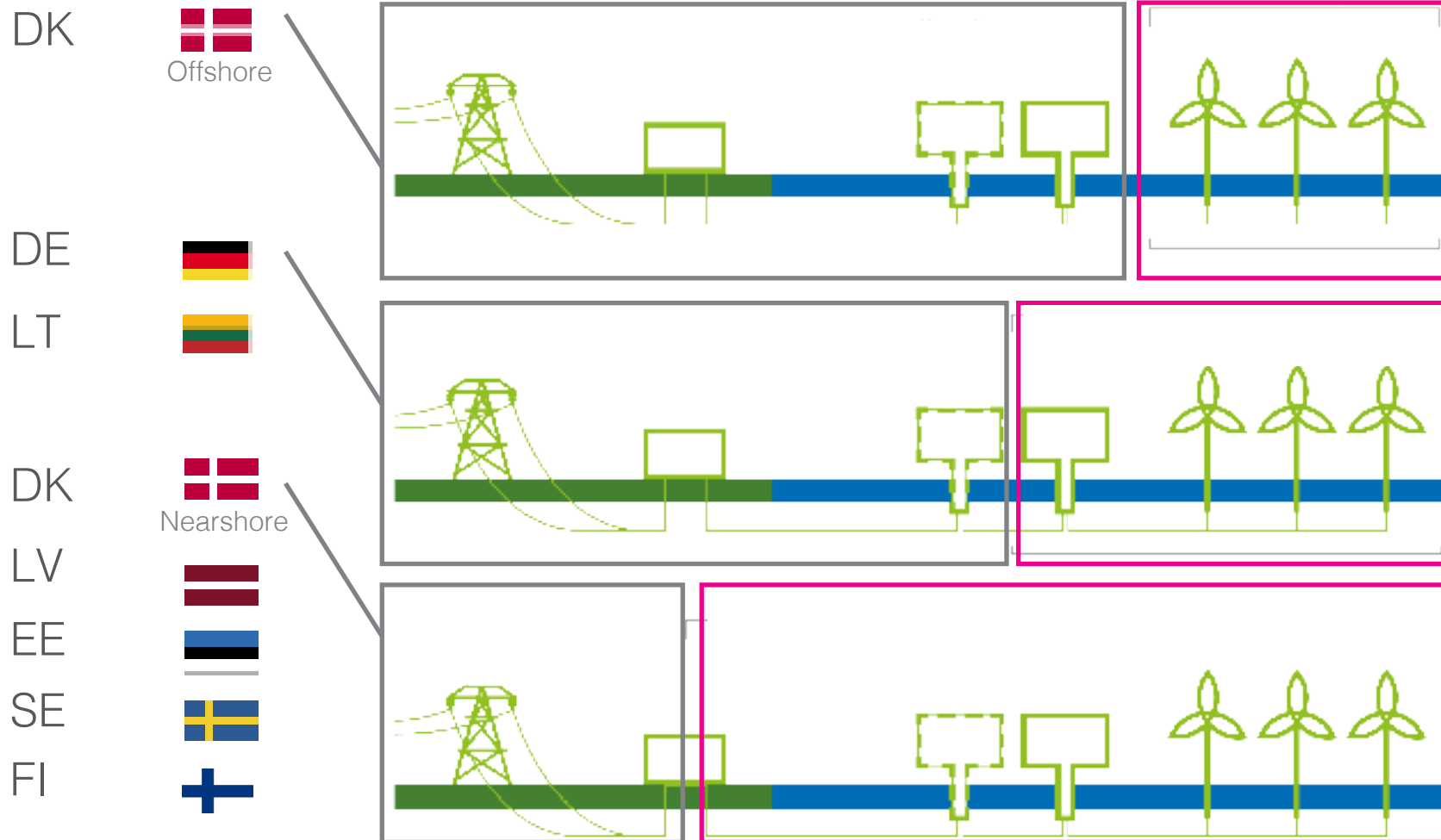


-  Germany: § 11 par.1 EEG 2017
-  Denmark: § 27c par. 5 Act on Electricity Supply
-  Lithuania: Art. 9c par. 6 Energy Law

# Who builds what?

Construction by TSO

Construction by project developer



## Next steps

- Editing/updating Country Reports
- Conducting complementary research
- Consulting with stakeholders (questionnaires)

- Analytical research
- Compiling results
- Visualizing results
- Intermediary report by March 2018



# Thank you!

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