



# RE-Source Platform

The European alliance for corporate  
renewable energy sourcing



**RE-Source**

European platform for corporate  
renewable energy sourcing

More info at:  
[resource-platform.eu](https://resource-platform.eu)

**RE-Scandinavia**

**17 June 2021**



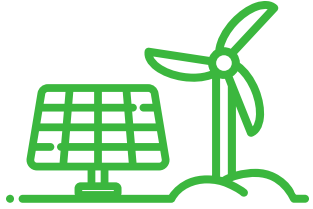
*An alliance of stakeholders representing clean energy buyers and sellers founded in 2017.*

Founding Associations

Guided by a Steering Committee of Buyers and Sellers



# What we do



## 1. Open markets

Influence EU and national renewable energy and energy market legislation to advance corporate sourcing



## 2. Create demand

Raise awareness and educate all stakeholders on the advantages of corporate sourcing renewable energy



## 3. Facilitate business opportunities

Connect corporate renewable energy buyers and sellers and help make transactions faster, easier and cheaper



# Objectives

- Share latest European corporate renewable PPA statistics
- Highlight PPA market trends
  - Emerging markets
  - Types of buyers
  - Renewable technologies
  - Contract structures



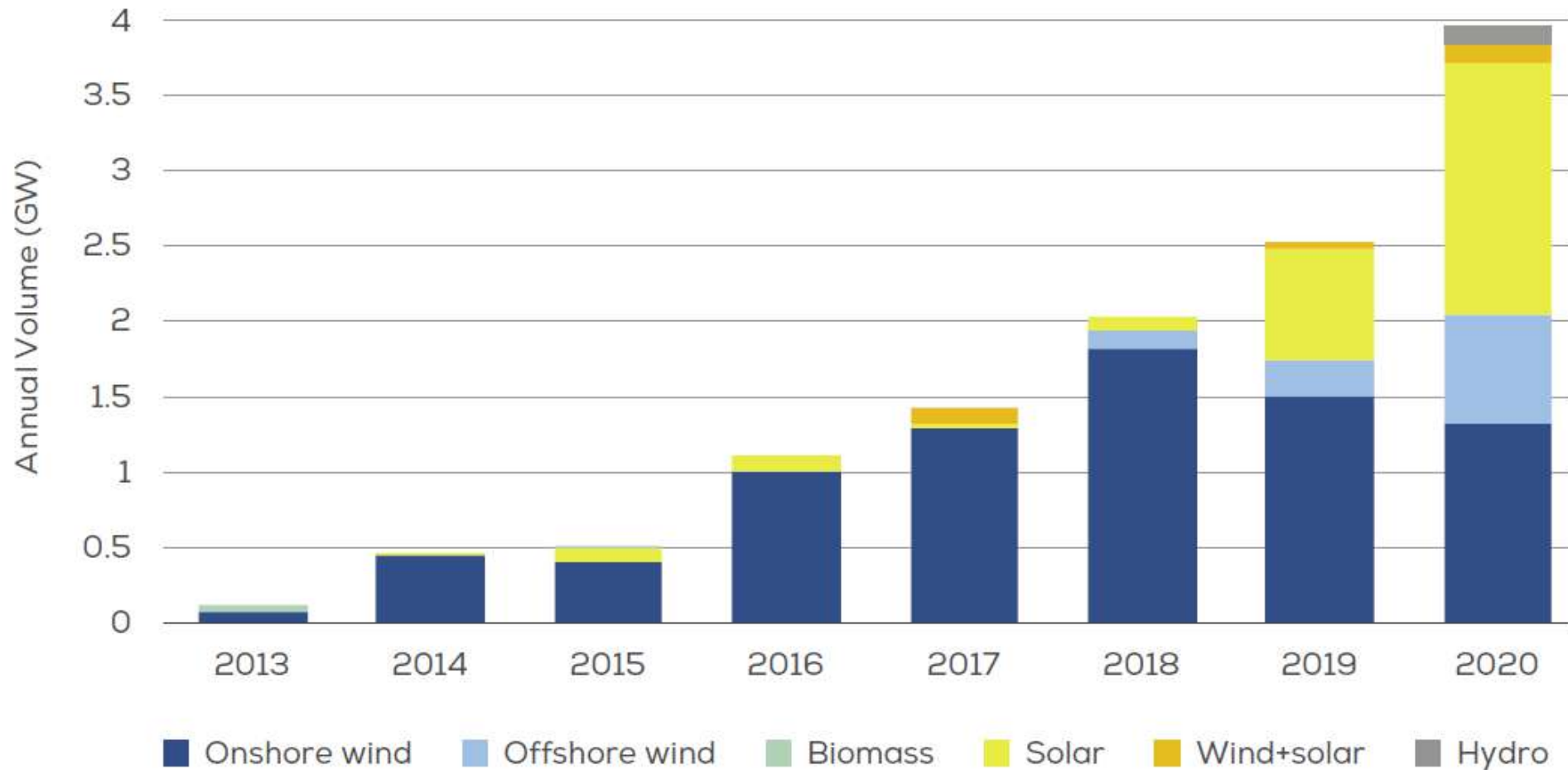
# European corporate renewable PPA statistics



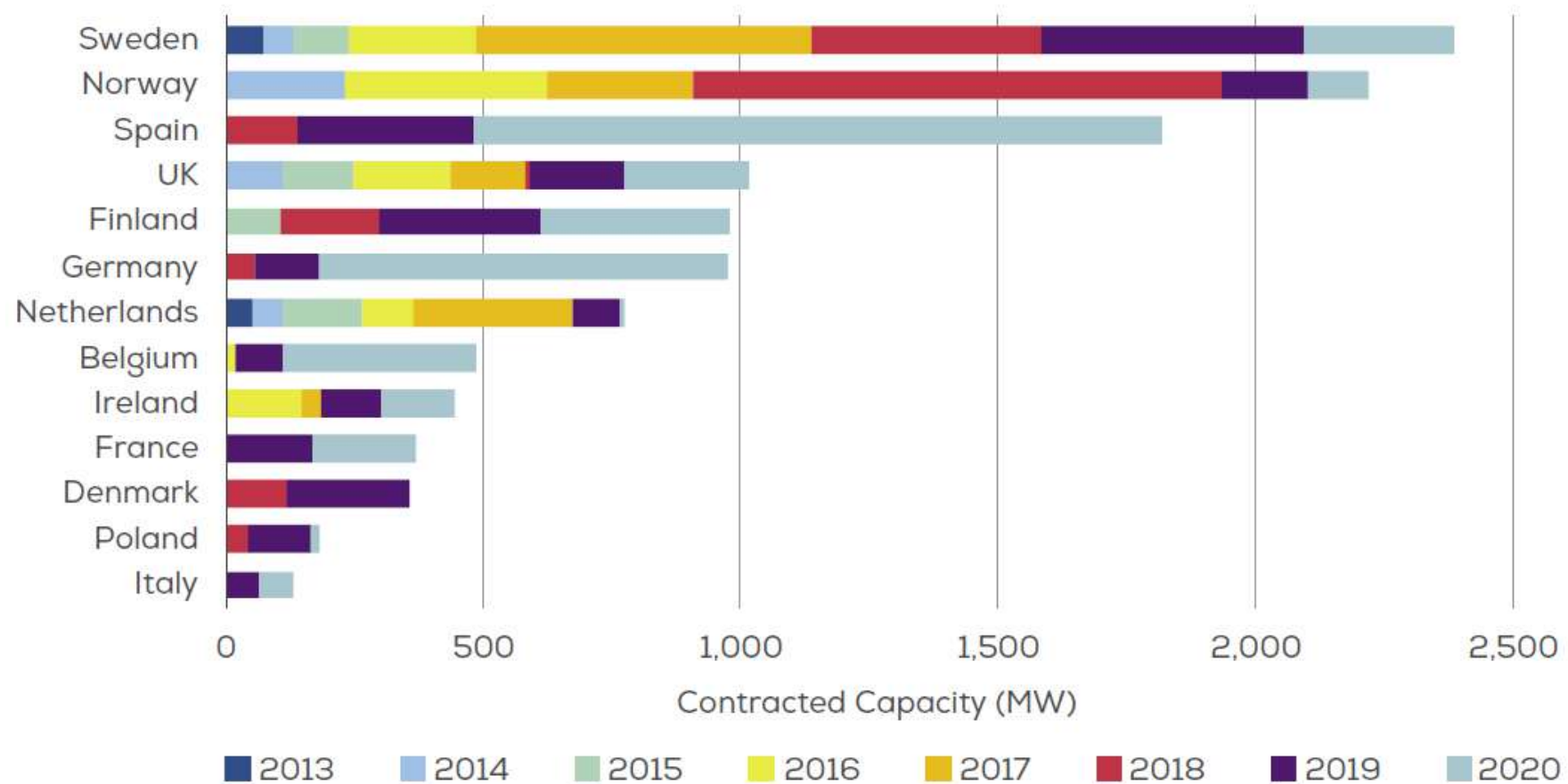
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# European Corporate Renewable PPAs

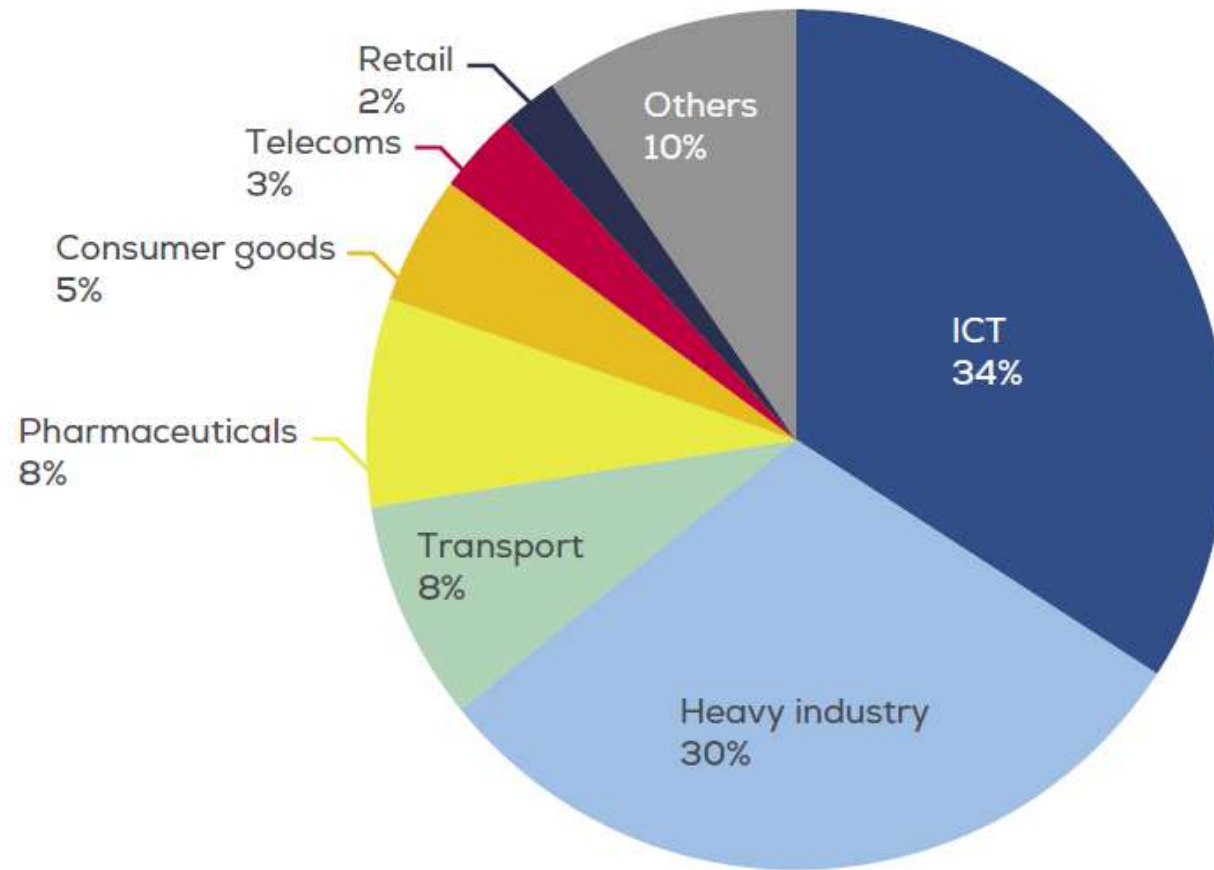


# Cumulative PPA Capacity by Country

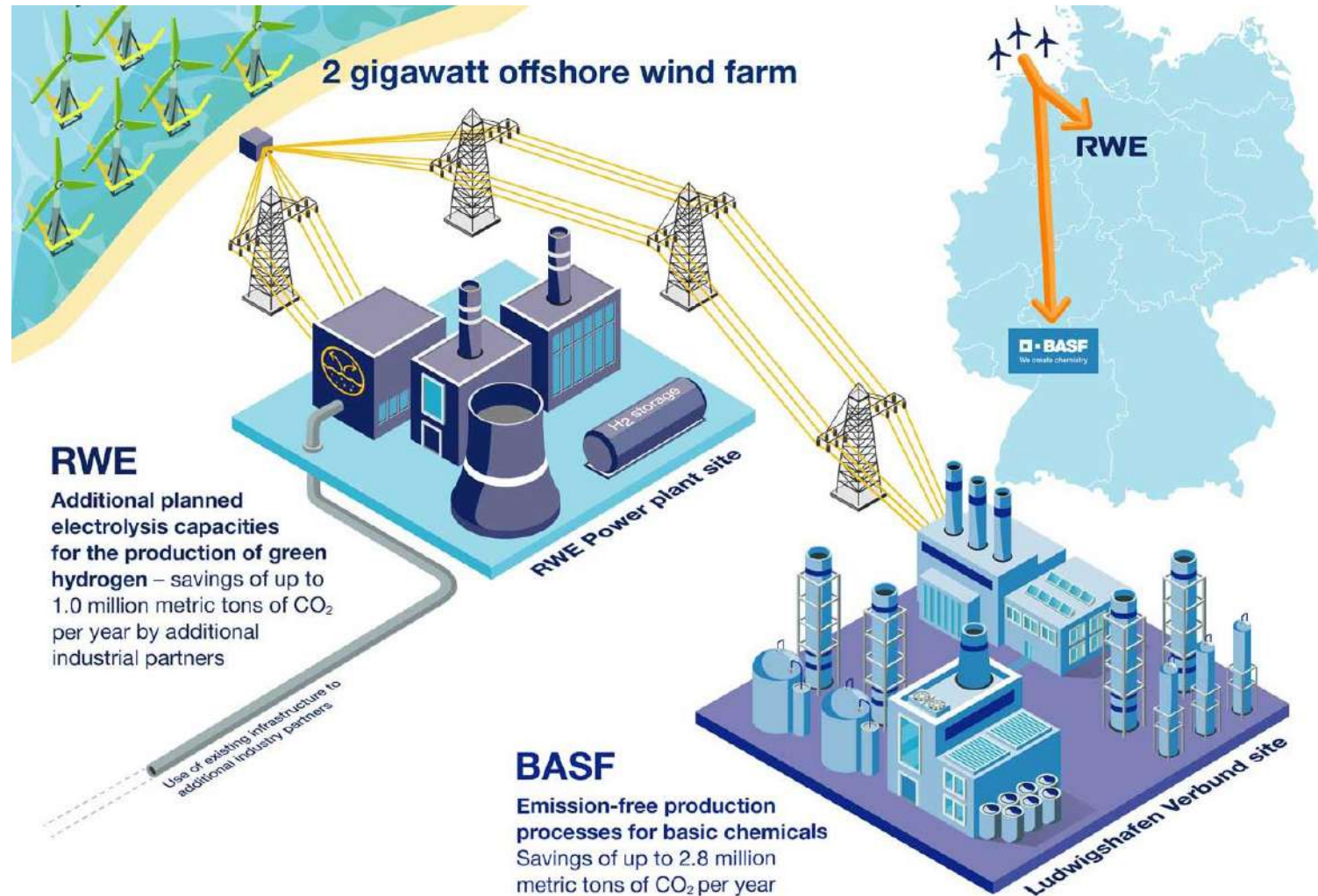




# Cumulative PPA Capacity by Sector



# BASF and RWE: 2 GW announcement



# Corporate renewable energy sourcing trends



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# Corporate Renewable Energy Sourcing Models in Europe

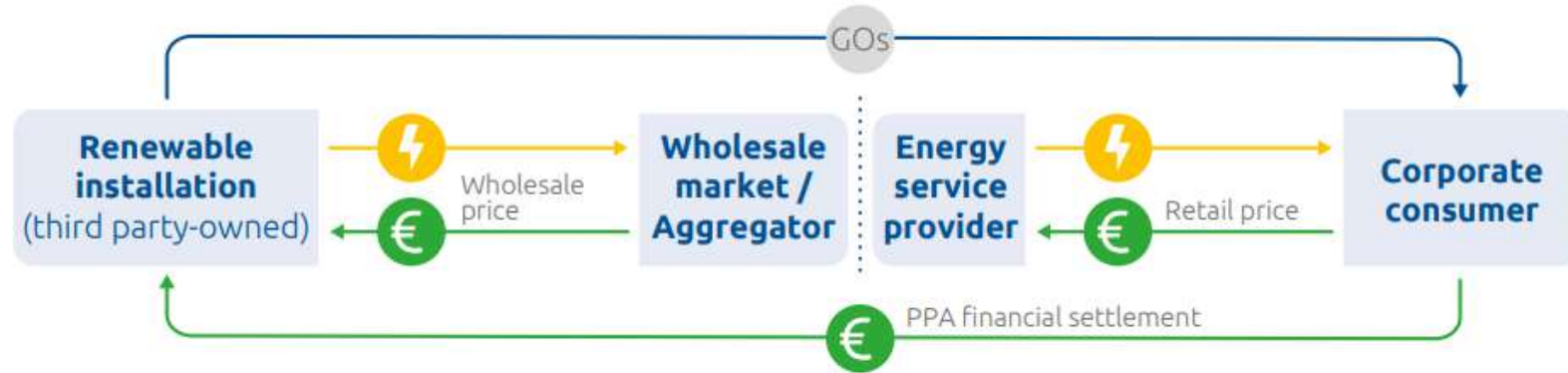
## *Which is best for the buyer?*

The most suitable choice will depend on many factors

- Risk profile
- Size of electricity demand
- Physical location(s)
- On-site feasibility
- Need for physical energy link

 <b>Common Models On-site</b>	<b>A1: Self-owned on-site</b>
	<b>A2: Leasing</b>
	<b>A3: On-site PPA</b>
	<b>A4: Private-wire PPA</b>
 <b>Common Models Off-site</b>	<b>B1: Physical PPA</b>
	<b>B2: Financial PPA</b>
 <b>Off-site Variants</b>	<b>C1: Self-owned off-site</b>
	<b>C2: Multi-buyer PPA</b>
	<b>C3: Multi-seller PPA</b>
	<b>C4: Cross-border PPA</b>
	<b>C5: Multi-technology PPA</b>
	<b>C6: Proxy generation PPA</b>
 <b>General &amp; Top-up Models</b>	<b>D1: Green electricity supply</b>
	<b>D2: Unbundled GOs</b>

# Off-site Model: Financial PPA



- No physical transmission of power between producer and consumer
- Renewable installation and consumer can be located on different grids
- Price agreed between renewable installation and consumer
- Financial settlement difference between agreed price and a market-based price
- GOs passed to consumer

# Case Study: Heineken, Philips, Signify, Nouryon

- Location: Finland
- Buyer: Multiple
- Seller: Neoen
- Capacity: 126 MW
- Variation: Multi-buyer PPA

 **Heineken**<sup>®</sup>

**PHILIPS**

 **signify**

**Nouryon**

# Case Study: Novartis

- Location: Spain
- Buyer: Novartis (Austria, Germany, Spain, France, United Kingdom, Italy, Sweden, Romania, Switzerland, Belgium, Slovenia, Poland, Czech Republic, Ireland)
- Seller: Enel Green Power
- Capacity: 78.5 MW
- Variation: Cross-border PPA

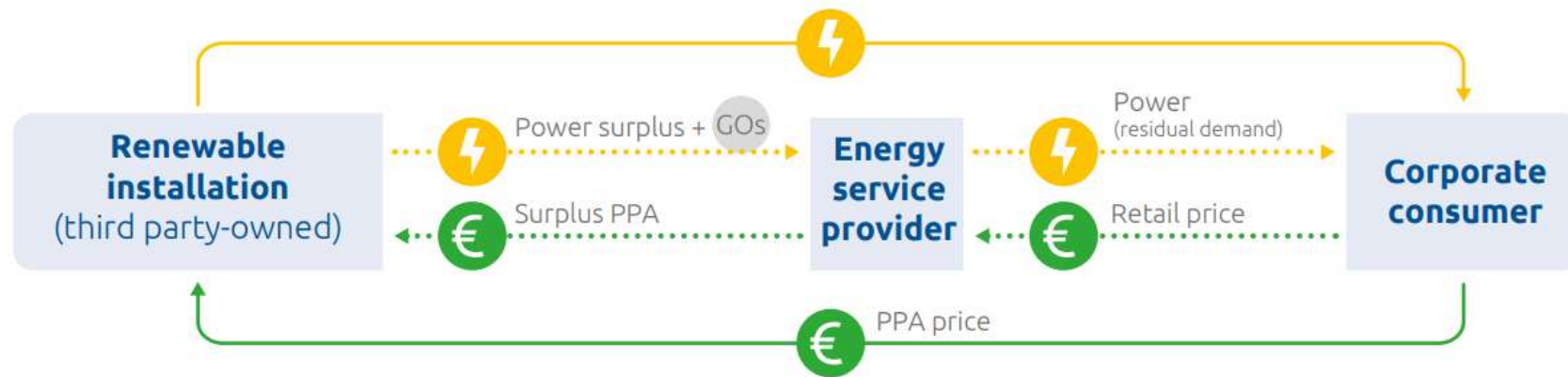


# On-site “buyer” business models

- On-site PPAs
- Leasing
- Private-wire PPAs



# On-site Model: On-site PPA



- Third party owns and operates the on-site project
- Price agreed between renewable installation and consumer
- Buyer consumes the electricity behind-the-meter
- Project is usually sized to achieve very high or near 100% self-consumption
- GOs may not be passed to consumer
- Project may connect to grid to export surplus power

# Case Study: Kingspan

- Location: Stigamo, Sweden
- Buyer: Kingspan, a global building materials company
- Seller: Alight Energy
- Capacity: 1.3 MWp
- Commissioned: 2021



# Other emerging trends

- 24/7 renewable energy
- Locational marginal emissions
- SMEs and supply chain engagement



# RE-Source Platform: Renewable Energy Buyers Toolkit

# Standard PPA Template

## *First pan-European standard corporate PPA*

- Suitable for both physical and financial PPAs
- Usable in a cross-border context
- Translations available in English, Italian, Polish, French, Spanish, and German



# Renewable Energy Buyers Toolkit



*Reports  
and Webinars*



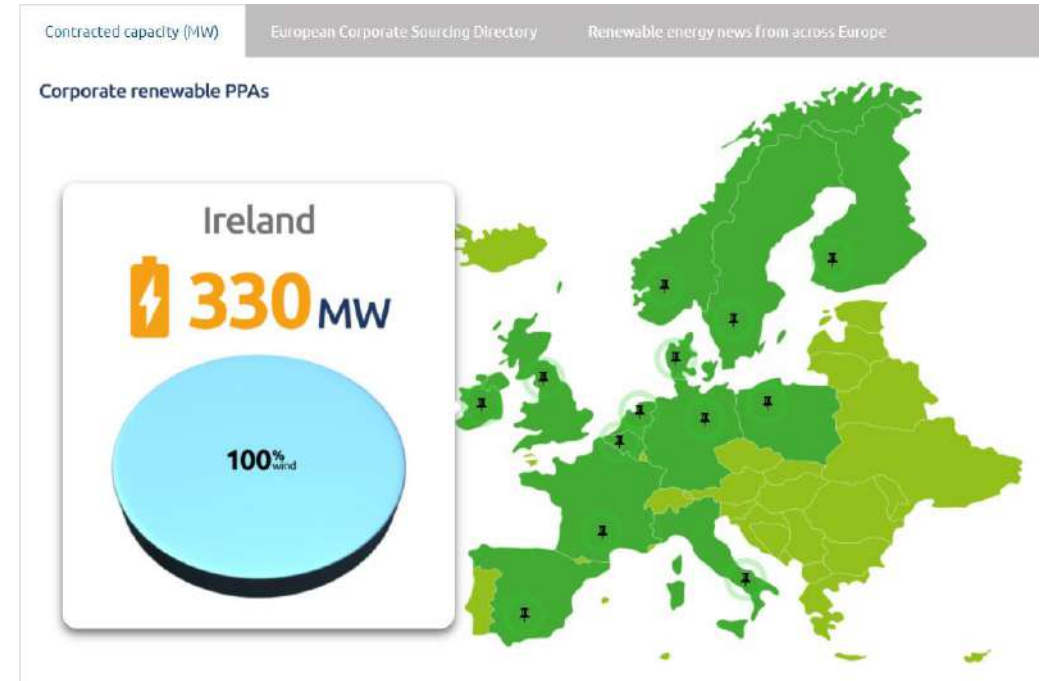
*European Corporate  
Sourcing Directory*



*Template PPA  
Contract*



*PPA Training  
Courses*



# The RE-Source Event

The world's largest gathering of renewable energy buyers and sellers



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**2021**

13-15 October  
Amsterdam

40 countries and multiple networking opportunities

