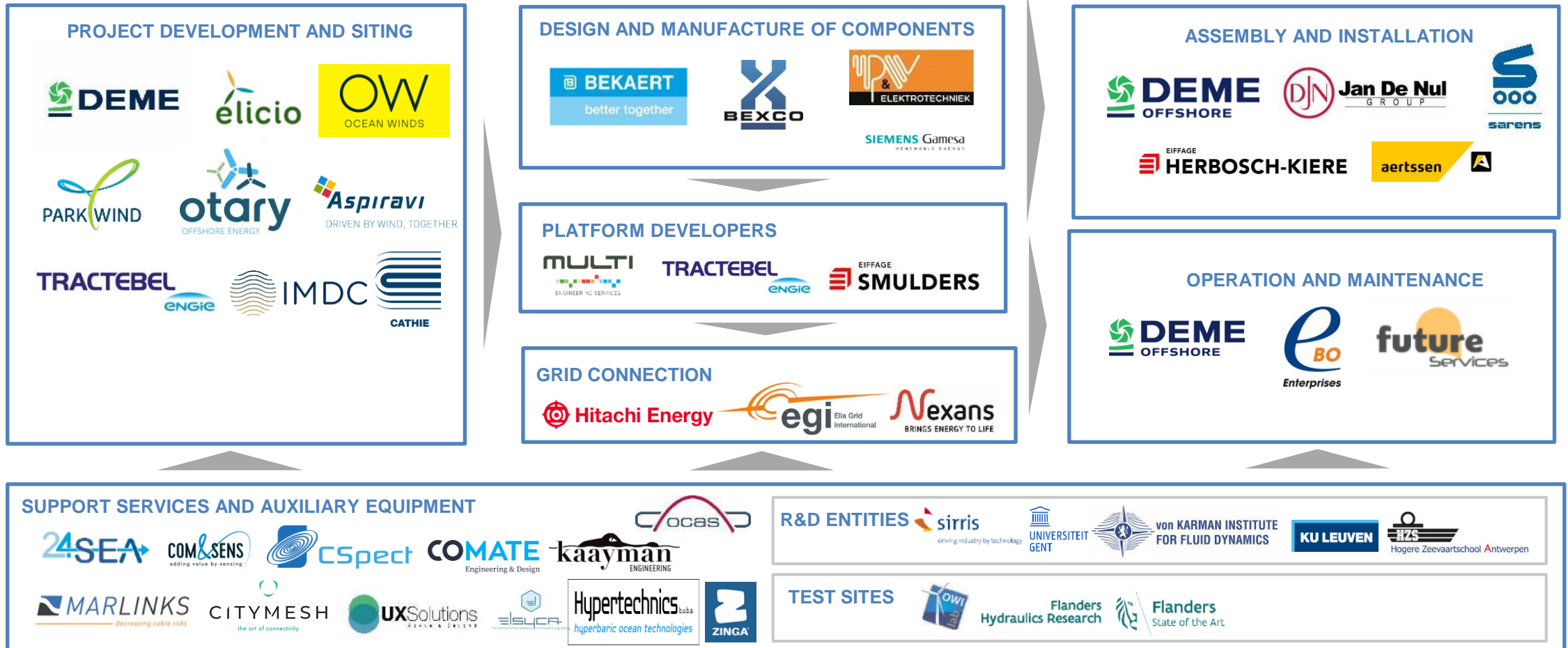


B2B Matchmaking FOW

Belgian Value Chain FOW



Belgian Value Chain in OW



Note: This graph is for illustrative purposes only and does not include the logos of all the Belgian companies participating in the offshore wind value chain

Survey Value chain

Ambition

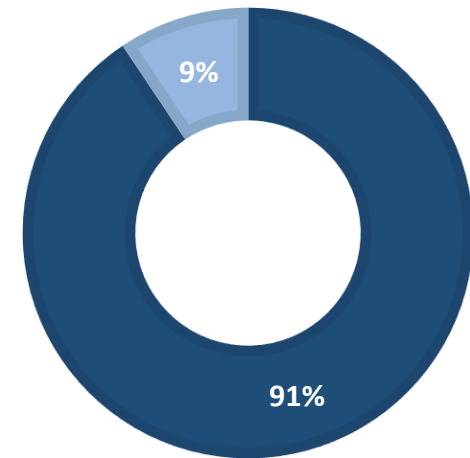


Already Active

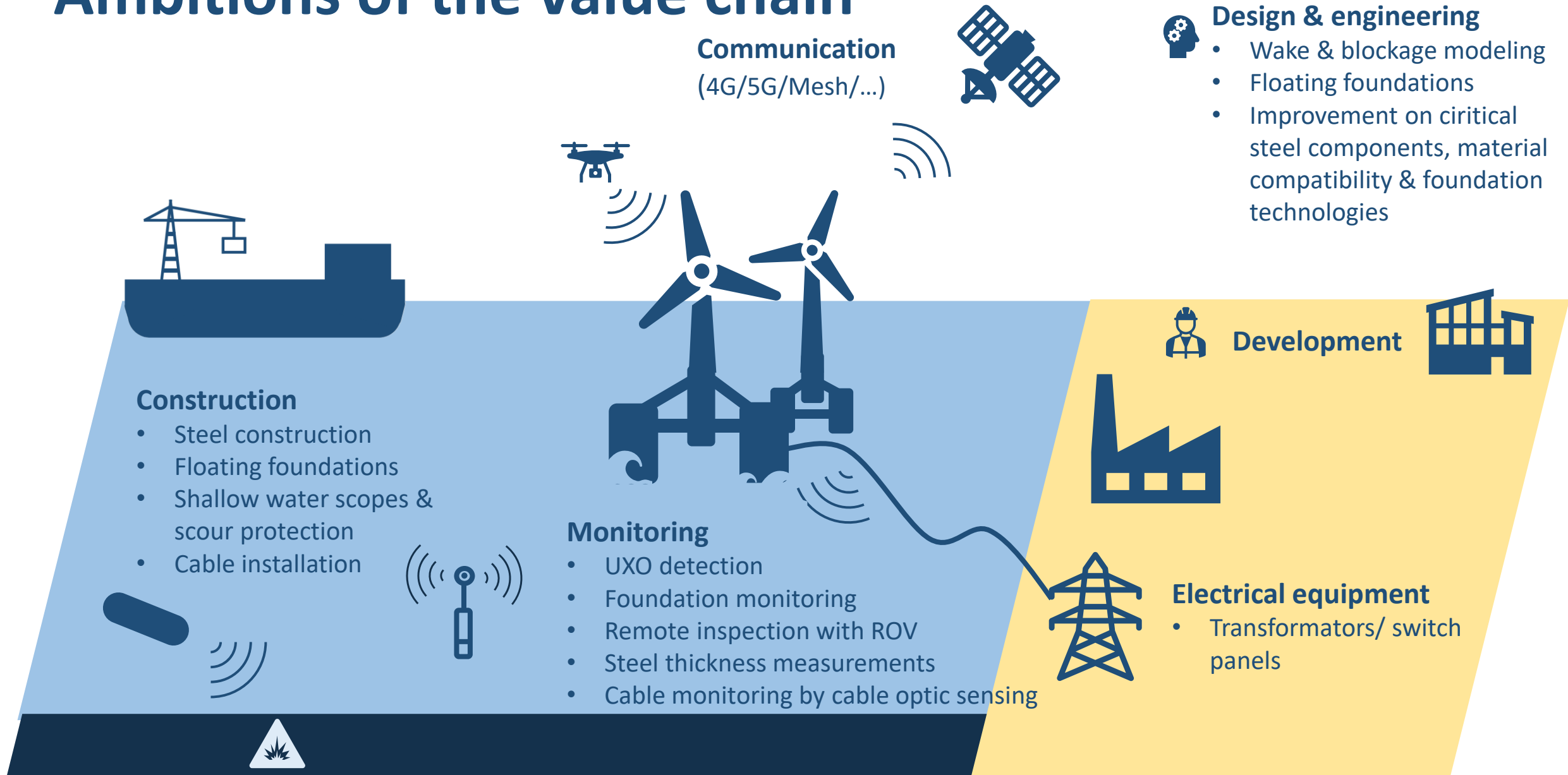


1 week - 5 years experience

■ Companies ■ Knowledge institutions



Ambitions of the value chain



Strenghts of the value chain

Track record

Project management/ development/ EPC

- Complete solutions
- Pilot projects

Lab infrastructure

- Fatigue testing
- Marine corrosion exposure testing
- Monitoring harsh offshore environment



Basic research

Integrated research, models and data collection

Specific expertise

- Cable laying
- Anchoring
- Communication
- Mechanical and electrical engineering
- Monitoring (foundation, cables, ROVs, UXO)

Obstacles for FOW

Technology

- Mass production of infrastructure
- Floating foundation design
- Mooring lines
- Power cables

Belgian context

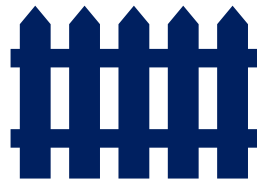
- Limited space of belgian EEZ
- No market
- Ports unfit

Installation and O&M

- O&M
- Anchoring options
- Tow out

Value chain

- Large investments needed
- No prority for funding
- Competition with bottom fixed



How to overcome challenges of FOW?

Matchmaking

**Knowledge
building on
specific FOW
challenges**

**Transfer lessons
learned from
fixed to floating**

**Pilot projects and
learn form other
projects**

**Standardisation
and
harmonisation of
design**

**Collaborations
with whole value
chain**

**Overcome
logistical
challenges**

**Workshops &
infosessions**

Match with Basque challenges

Technology

- **Mass production** of infrastructure
- Floating foundation **design**
- **Mooring** lines
- Power **cables**

Installation and O&M

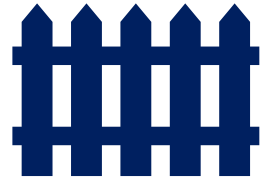
- **O&M**
- Anchoring options
- **Tow out**

Belgian context

- Limited space of belgian EEZ
- No market
- Ports unfit

Value chain

- Large **investments** needed
- No priority for **funding**
- Competition with bottom fixed

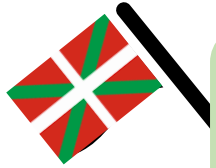


Nautilus 
Floating Solutions

 **sener**

saitec 

Collaboration in funded projects



Hazitek



- **>= 1 partner**
- **Research & development**
- **Projects**
 - **Competitive: > € 100 k**
 - **Strategic: > € 4 M**

Combination



Funding conditions:

- 1 umbrella workplan
- Mutual approval
- Collaboration agreement

Submission March 2024



VLAIO



**Blue Cluster
project**

**Blue light
project**

- **>= 3 partners**
- **Research & Development**
- **Cluster programme**

- **>= 2 partners (SME's)**
- **Development**
- **Regular VLAIO programme**