

IZEN
100% SLIMME ENERGIE



IZEN

Who are we

As part of **VINCI Energies**, **IZEN** operates from a sustainable vision. IZEN's mission is to make 100% smart energy available to everyone. IZEN focuses on renewable energy technologies and works for both the B2C and the B2B market. Together with a team of 200 employees, they have been committed to this for more than 32 years.

In an innovation driven world, VINCI Energies focuses on connections, performance, energy efficiency and data to fast-track the rollout of new technologies and support two major changes;

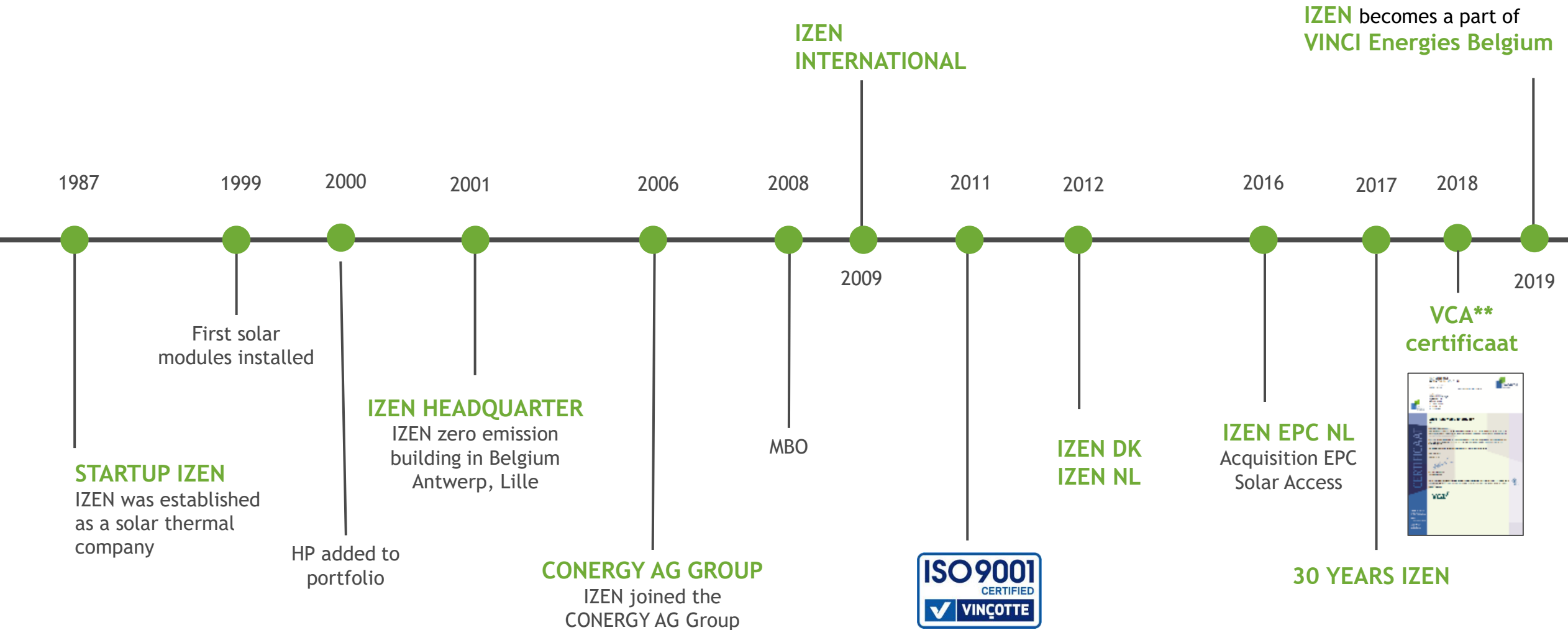
- digital transformation

- energy transition

With their strong regional roots, agile and innovative, VINCI Energies' business units boost the reliability, safety, sustainability and efficiency of energy, transport and communication infrastructure, factories, buildings and information systems.

IZEN Timeline

Long story short

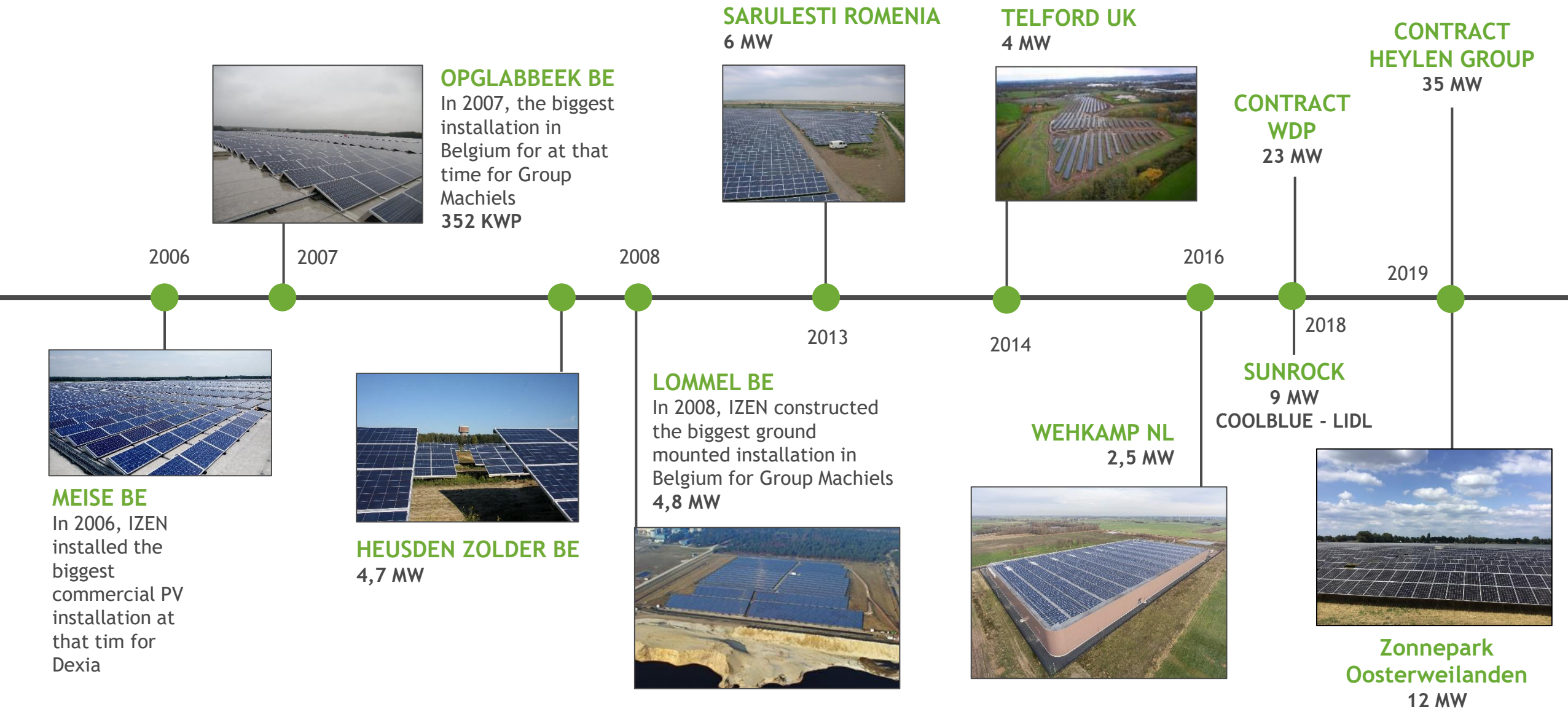


OUR VALUES

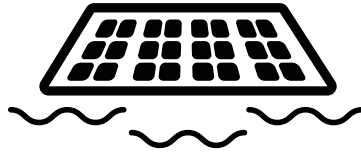


ENTREPRENEURSHIP
AUTONOMY
RESPONSIBILITY
SOLIDARITY
TRUST

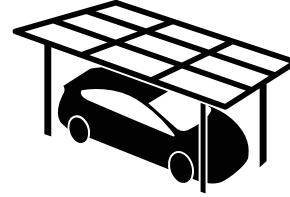
TRACK RECORD



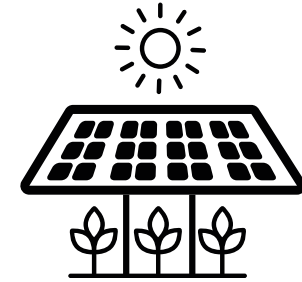
EPC solar applications



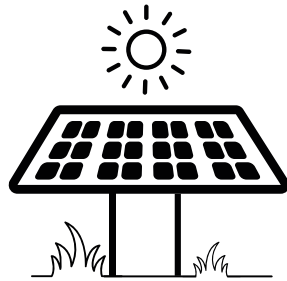
FLOATING



CARPORT



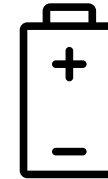
AGRIVOLTAICS



**GROUND
MOUNTED**



**ROOFTOP
SOLUTIONS**



**BATTERY &
CHARGING SYSTEMS**

What do we expect from our contractors

- correct compliance with the safety instructions
- respect general order and tidiness within the pitch
- comply with agreements made with colleagues regarding transport and departure times
- assisting in the unloading and loading of the correct materials needed for the yard
 - Report deviations from the parts list and/or drawing to the team manager
- report site findings (yard/personnel) back to IZEN
- attitude
 - we expect a positive attitude
 - we expect that he/she, in consultation with the team leader, offers solutions to (un)foreseen circumstances on the site
 - taking care of vehicles, machines and installation material
 - taking care of IZEN/ IZEN's customer's property

Safety on site

It all starts with safety!

- keep your workplace, car, van, material, etc organized and clean
- Wear appropriate work clothes and safety shoes
- No drugs or alcohol
- Do not place anything on the scaffolds
- Correct placement off the scaffolds
- Use edge protection and safety nets if necessary
- Wear a safety harness on the roof and ensure yourself that it's attached to a safety anchor
- Smoking in designated places
- Recycle garbage according to the regulations
- Make sure there's a first aid kit present
- Use correct posture to lift something from the floor
- Protection from weather conditions: sunscreen, warm clothes, etc



Installing rooftop installations

Site safety measurements!

- Edge protection needs to be placed when the edge zone is less than;
 - BE 2m
 - NL 4m
- Placing anchor points/ safety nets if necessary
- Barricade hoisting zone and don't suspend loads over persons
- Mark/ show emergency exits before starting the installation
- Use of stair towers
- Make sure a first aid kit is available and everyone knows where it is
- Etc

The decisions about the safety measurements will be made by the project managers from IZEN

1) Pre-assembled units that connect easily

- Flat roof applicatio for commercial projects
- Ready for the new-generation (bigger) solar panels

2) Flatfix Wave Plus

- Single setup (South installation)
- Dual setup (East-West installation)

3) Measuring bar for the space between the units

4) Quick installation of all the units

5) Installing stabilizers

6) Install cable tray for DC cables

7) Installing modules

- Integrated bonding
- Toolless clamping
- Use spacer tool for optimal module spacing

8) Various ballast options

- Ballast tray
- Ballast tray extender
- Ballast bracket perimeter

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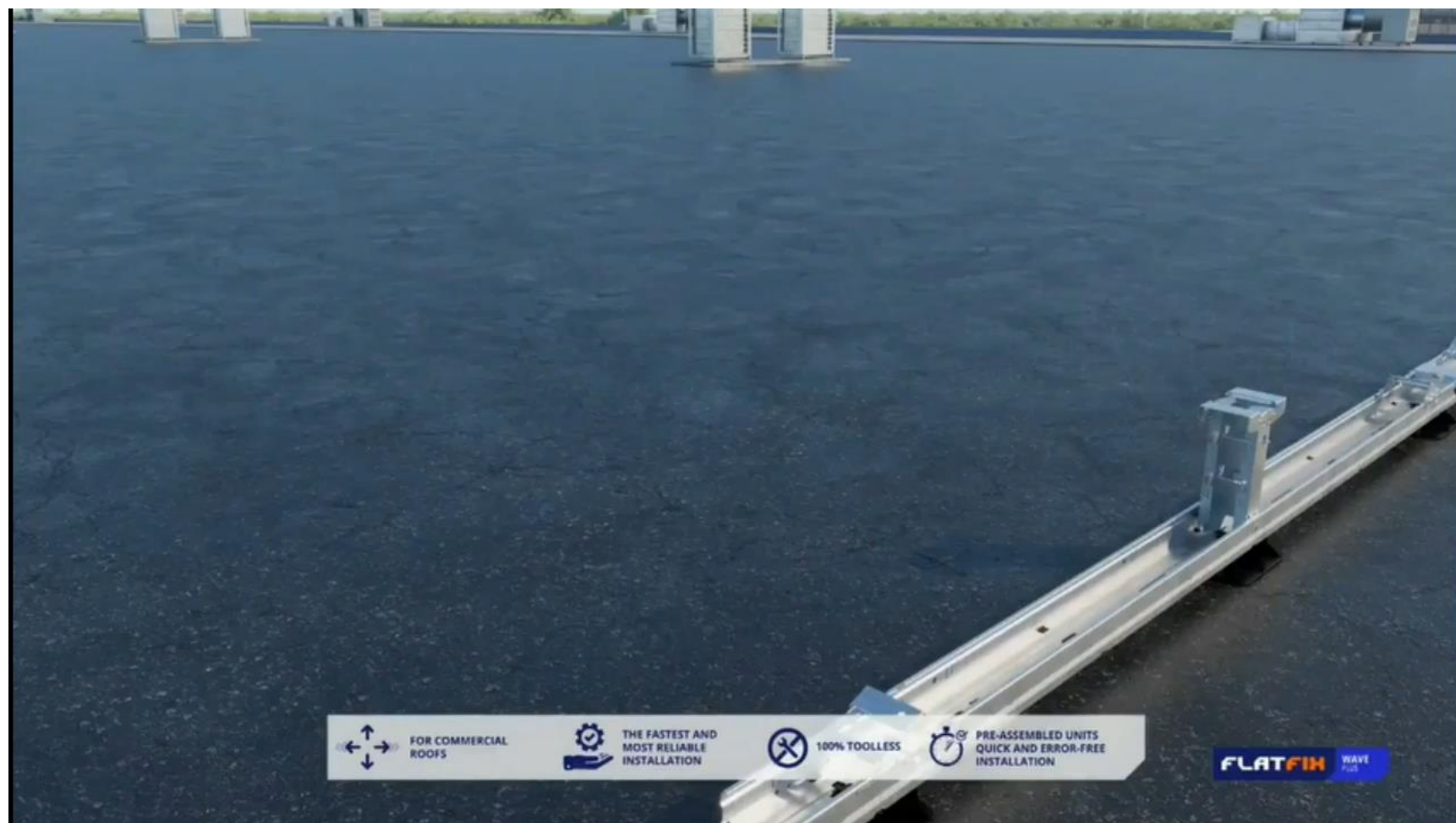


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between the units



4) Quick installation
of all the units



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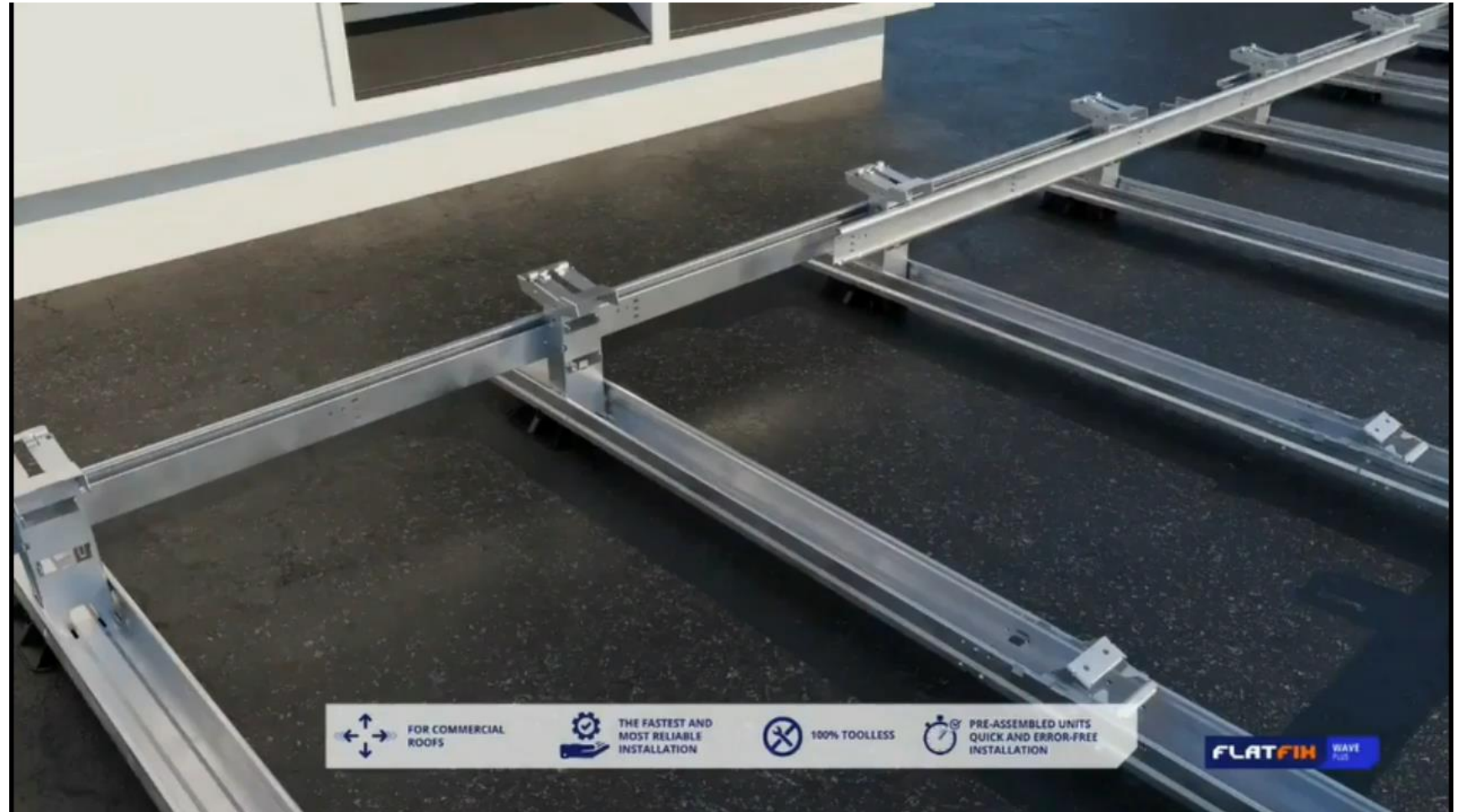
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Examples of other structures

Avasco



Van Der Valk





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LET'S WORK
TOGETHER!

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