

We utilize that experience for our turbine development and combine it with latest market trends



New offshore turbine

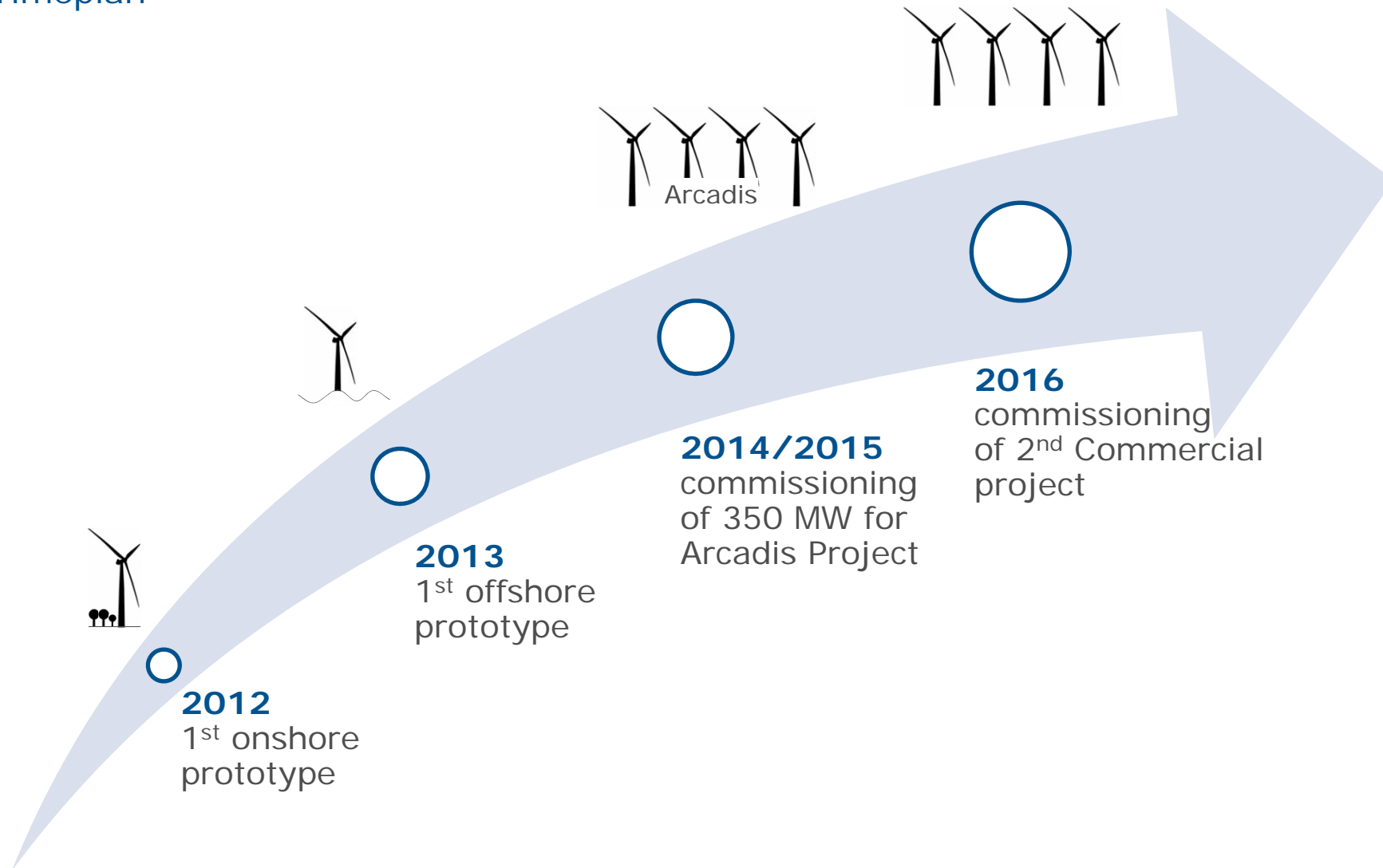
- Nominal power **6 MW**
- **Direct drive** permanent magnet synchronous generator
- Rotor diameter around **140m**, hub height around **100m**
- Modular design for serviceability



In 2012 we will install the first prototypes, more than 50 turbines will be installed in the Arcadis Ost 1 project



Timeplan



“Arcadis Ost 1” will be our reference project for the offshore market



Arcadis Ost 1

- Location: German Baltic Sea (territorial waters)
- Capacity: **350** MW
- Water depth: **41-46** m
- Area size: **45** km²
- Grid connection: via Lüdershagen
- Permission: Summer **2011**
- Start of installation: **2013** (WTGs in 2014/15)
- Project company: KNK Wind GmbH



KNK Wind GmbH

