



**EXCEEDENCE**  
MAKING RENEWABLES COMMERCIAL

Presented by  
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# **MAKING RENEWABLES COMMERCIAL**





# Future

- + Listen to Our Customers and Users
- + Data Products
- + Azure Cloud
- + Version – Lite, Pro, Enterprise
- + PV
- + Other Software

# Some Specifics

- Data – licensing and developing own
- Software – 2 in-house developers and partnering with others. MS support
- PV – working with Tyndall, IPIC and IERC
- Roadmap – R&D projects already underway., JIRA Database with functionality and build options.



2015

Q4 2016

Q1 2017

Q3 2017



**ODINE** Open Data Incubator Europe



LITE CLOUD

FULL Cloud



SaaS

Data Sets PV

Data Sets Wave

Data Sets Tidal

Data Sets Wind

DATA SETS

INTERNAL AND  
3<sup>RD</sup> PARTY  
FUNCTIONALTY



# Objectives

- Same functionality as desktop version
- Much improved performance
- Scalability
- Platforms
- Subscription Model
  - Modular Offering



# A Problem for developers

- Data is disparate
- No standards applied
- Costly to acquire

BUT Most Member states  
have it as Open data sets





Search for

Atlantic Ocean North Sea Med Sea

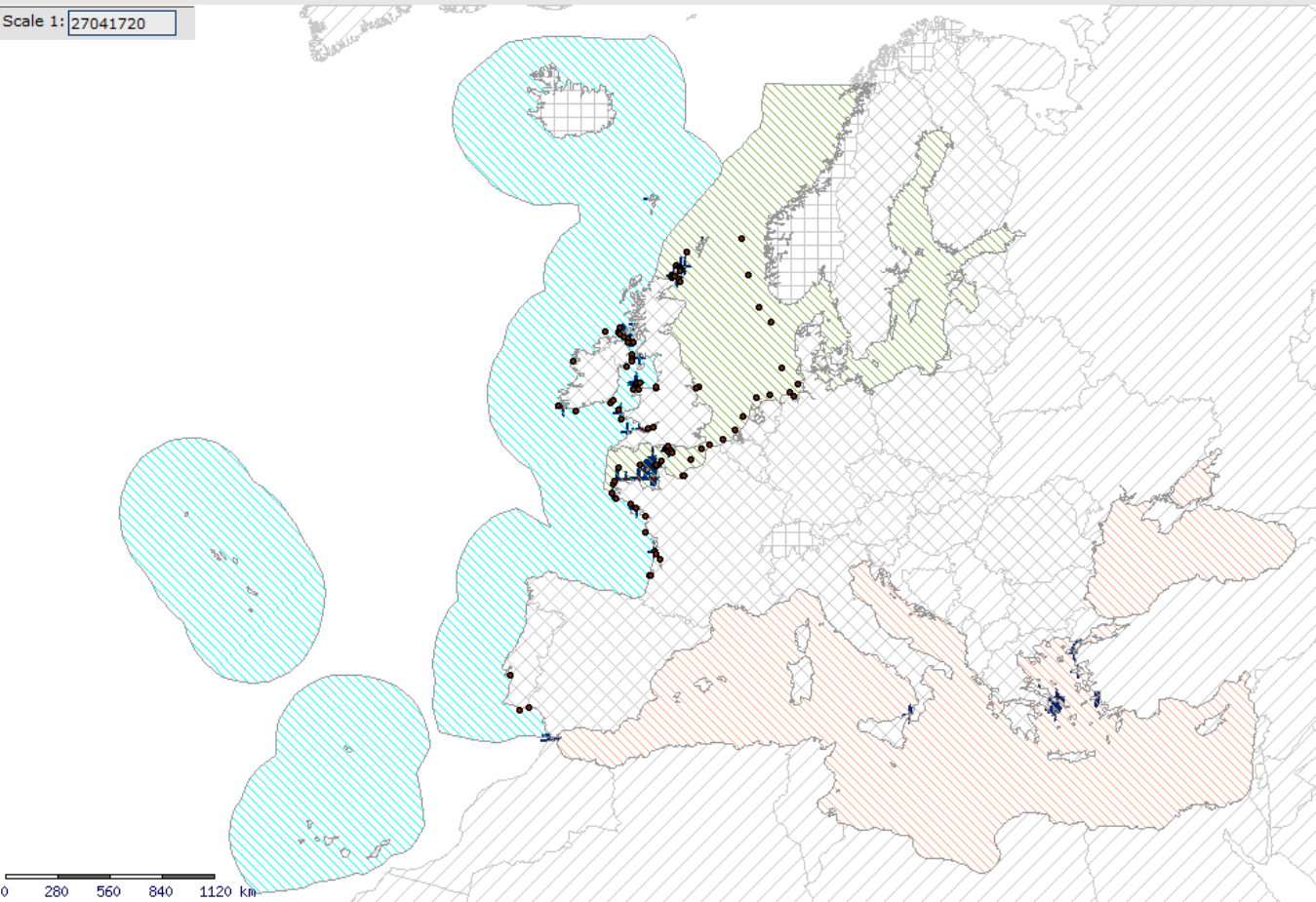
Info

Tools



- ☒ **Boundaries & Infrastructures**
- ☒ **Offshore Renewable Plants**
  - ☐ WIND Farms ⓘ
  - ☐ TIDAL Plants ⓘ
  - ☐ WAVE Plants ⓘ
- ☒ **Distance from shore**
  - ☐ Distance from shore (km) ⓘ
- ☒ **Sea depths**
  - ☐ SEA depth (m) ⓘ
- ☒ **Resources**
  - ☐ WIND map ((m/s) @ 10 m a.s.l.) ⓘ
  - ☐ WERATLAS ⓘ
  - ☐ WAVE map (kW/m) ⓘ
  - ☒ TIDAL measured data ⓘ
  - ☒ TIDAL STREAM SITES ⓘ
- ☒ **Scenarios**
  - ☐ WIND Level (m/s) ⓘ
  - ☐ WAVE Level (kW/m) ⓘ
  - ☐ WIND (m/s) & WAVE (kW/m) ⓘ

Scale 1: 27041720



ETRS89-LAEA X: 1991295 Y: 869387



# Aim of Monetise MetOcean



- Add Value to Open MetOcean data using ExceedenceFINANCE Tool
- Easy accessible Cloud based app
- LITE and Commercial versions





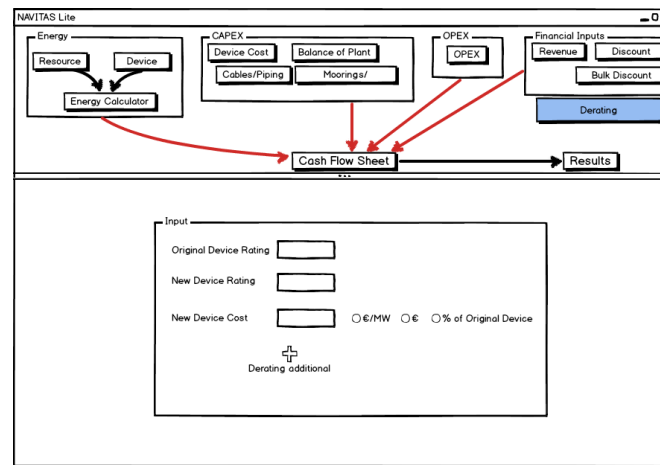
# Data Sets

- Wind, Wave, Tidal, PV
- Measured, Modelled , Forecast, EOR
- Open, creative commons, in-licensed
- Worldwide
- Test sites
- STANDARD
- BIG DATA – Azure based



# Development Roadmap

- Short and Medium term roadmap developed
  - Improvements
  - Features
  - Licensing
  - Technology
  - New products





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