



PYTHEAS TECHNOLOGY



One line pitch:

The Pytheas Technology Power Take Off reduces the cost of electricity production for the targeted industries

Market Analysis:

One of main obstacles to massive development of renewable energy is the lack of solution to convert slow motion into exploitable electric power in an effective way. Pytheas Technology target in priority slow speed and médium power the conversion of slow motion originating from Wave energy converter, very low head hydroelectricity and hydroelectric current. (<500KW / <30RPM). This market segment has been valued to 1 000 M€ for 2020 and to 2 500 M€ for 2025 (Pike Research)

Value proposition:

Renewable energy sources of mechanical origin (Wind, Wave, Marine and river current) mainly generate slow movements (<30RPM) and variable speed, one of main obstacles to this necessary development is the lack of solution to convert slow motion into exploitable electric power in an effective way. To meet this technological need, Pytheas Technology designs and develops an innovative and patented Power Take Off (PTO) using the piezoelectric effect and dedicated to the renewable energy. Pytheas Technology solution permits : - to reduce the Levelized Cost of Energy (LCOE) - to reduce the operational expenditure (OPEX) - to increase energy - to enhance renewable energy potential

Business Model:

Pytheas Technology is an industrial company and positions itself as a supplier of equipment. Pytheas Technology solution enable to increase the electricity productions yields and allows the final operator to reduce the cost of electricity production.

IP and Regulatory situation:

Pytheas Technology Granted two patents. The first Patent has been granted in France, and is pending in 5 international Area (Europe, Chine, Japan, USA, Brazil). The second Patent has been granted in France PCT extension has been granted. In order to protect its works, Pytheas filed different "enveloppe Soleau"

COMPANY PROFILE

- **Website:**
pytheas-technology.com
- **Field:**
- **Contact:**
ALCANIZ Vincent
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- **Location:**
100 impasse des houillères
13590 Meyreuil
France
- **Founded in:** //30/06/2015
- **Employees:** 8
- **Financial information (€):**
 - **Company stage:**
Proof Of Concept
 - **Capital raised to date:**
1 500 000€
 - **Monthly burn rate:**
 - **Capital seeking and date:**
- **Investors:**
PACA I / Turenne Capital,
Crédit Agricole CAAP, IXBLUE