

SPINpower™ a RoR-technic for marina currents

Our journey began almost 10 years ago on the Shetland Islands by trying to tame the tidal currents and demonstrate our technology. Our technology involves a hydrokinetic power rig located on a raft with a vertical turbine, which does not prevent fish migration. We call it SPINpower™. As our project is fully self-financed, we have further developed the technology and simulate seawater currents through tests in rivers to minimize costs. We have made feasibility studies with a number of prototypes in more than ten rivers in West Sweden and in the Amazon River in Colombia, Peru and Brazil. The conditions in the Amazon River are very similar to those in a marine environment.

We have continuously refined the technology including electricity production and monitoring. Since 2016, we have an international patent.

The results from our feasibility studies have resulted in a request to offer the State of Amazonas in Colombia for a delivery of 40 power rigs to electrify remote villages along the Amazon River. We have also led to a membership in the joint project USA/the Swedish Ministry of Foreign Affairs with goal to electrify Africa within 20 years.

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n order to exploit the technology for marine applications we are planning to cooperate with SIGMA (a large Swedish technical consultant group), but are also looking for further partners. Based on our previous experience, we are prepared to deliver equipment to produce electricity off-shore.

The technology is there, it must just be adapted to the marine environment. The largest future threats to the exploitation of our technology in a marine environment are the restrictions that the authorities can impose on launching power rigs at sea and the need for financing of the next step.

We are jabeEnergy AB. So far, we have financed the development work totally on our own.

My name is Bert Berntsson and I am the CEO of the company, and I have together with my colleague, retired professor Claes I Helgesson/CFO developed this patented RoR technology for flowing water. We are now a leading team of 8 people adequate skills.

SPINpower™

Management team

Renewable Energy



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SPINpower



This is how it works!
Add the movi

Business developm.- Innovations- Market & Sales

SERO

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