

KINETIC HYDRO

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Newsletter 5: Autumn 2022

This is the 5th in our regular updates on progress at Kinetic Hydro. We hope that you continue to find these communications interesting, but if you don't want to receive our newsletters please let us know by sending an email to info@kinetic-hydro.com

Grants, grants and more grants

It has been a busy time on the grant funding front. In our last newsletter we talked about submitting our proposal to the Energy Catalyst for a deep dive into the opportunity for our technology in Uganda. That application is still in the assessment phase, but in the mean-time we have been successful with two further applications: 'SEIIP' is a Scottish Government funded programme supporting socially-conscious innovators with international ambitions, and 'Fast Start' is an Innovate UK competition for innovations in Net Zero and Healthcare. More information on what we will be doing with these funds below.

Social Enterprise Internationalisation Infrastructure Programme - SEIIP

They might not win any competitions for catchy programme titles, but the Scottish Government are putting their money where their mouth is with this funding that allows socially conscious enterprises like our own to explore how they can make a positive and sustainable difference. We are using these funds to contract The Challenges Group to conduct a Market Assessment in sub-Saharan Africa, with a particular focus on Uganda. Denis and Barbra from their Kampala office are leading this work, drawing on the fantastic knowledge and connections that they already have within Ugandan energy and green industries.



The Challenges Uganda team, Barbra (right) and Denis (in blue) inspecting a biogas project

Fast Start

This grant will fund a 6-month project to investigate new market opportunities for our river turbine technology in sub-Saharan Africa, focusing on those sectors where fossil fuel generators are widely used today. This will unlock new revenue streams for our business, save money for our customers, and reduce pollution and carbon emissions by displacing fossil-fuel generation. Again, we will be working with Challenges who will be evaluating the market opportunities, whilst the Kinetic Hydro team will be developing the product range to suit those needs.



MSIP Accelerator

Kinetic Hydro were selected in a competitive process to join 11 other small enterprises in the 3rd cohort of the MSIP accelerator. This programme which will be delivered between September and Christmas is focused on putting hard evidence behind our business proposition and ensuring that companies are 'investor ready'.

We will be going out for equity fundraising in the new year, and this is ideal preparation to help put all of the parts of the jigsaw together in advance of that raise.



MICHELIN
SCOTLAND
INNOVATION
PARC



PATENT APPLICATION NUMBER 2213005.8

We have received your request for grant of a patent and recorded its details as

Filing date(*)

06 September 2022

Our first patent application

Finally, it is in! One of the main technical objectives in recent months has been the development of a blade pitch system – there's more about that in our previous newsletter – with innovative features that we believe to be patentable. Our thanks go to Chris Cottingham at Hindles Patent Attorneys in guiding us through the intricacies of patent speak and producing an application that has every chance of success.

The control system for the pitching mechanism has been built and tested on Richard's kitchen table, and the machined parts, including a new set of blades are due for completion in the next week. We are looking forward to re-building a significantly improved turbine in the next couple of weeks.

We are recruiting

As you can see from the contents of this newsletter there is a huge amount going on at Kinetic Hydro besides technology development. It is time to grow the team and we are recruiting for a 'Commercial Lead'. This person will be central to developing our market proposition and in securing the funding that we will need to commercialise the technology. It is an exciting opportunity for the right individual who shares our vision. Needless to say, if you know of anyone who might be interested, please tell them to get in touch at Donald@kinetic-hydro.com. We will send them the role description and instructions on how to apply, or they can check our website: <https://www.kinetic-hydro.com/vacancies>