

## Future-proof your business against climate change

*Are climate services a rosetta stone for climate scientists and industry? Climate-KIC and its partners team up at the Arctic Assembly 2017 to highlight how 'climate services' can improve business resilience to climate change.*

As the earth's climate changes, businesses and policy-makers need to access reliable weather and climate information to safeguard economic growth and sustainability. This information, however, is not always readily available, or easy to understand.

Climate knowledge is generated by climate scientists, who are rapidly advancing our ability to predict how weather and climate will change in the future. Businesses, on the other hand, need information to help them understand how climate change will directly affect their operations now, and in the future.

During a breakout session at the Arctic Assembly in Reykjavik, Iceland, this weekend (October 15<sup>th</sup>, 2017), Climate-KIC highlighted that scientists and businesses must work together to translate climate science outcomes into targeted and relevant information products, known as 'climate services', which fit directly into business and policy needs.

Peter Vangsbo, Nordic Business Developer at Climate-KIC, said: "Climate services are a key mechanism for closing the gap between research and business. We need to be able to convey climate data in a more useful way in order to benefit a much wider audience.

"We want to draw on the first hand experiences of some of our speakers and really illustrate how climate services can be effectively incorporated into a long-term business strategy for different types of Arctic businesses."

Climate-KIC will join up with researchers and business representatives to showcase how partnerships between scientists and stakeholders can boost innovation through climate services development.

"We try to use climate services as a way to take the work and development that's going on in the scientific community and make it more useful across wider areas and more sectors", explains Dr Mark Payne, a senior researcher at the Danish Technical University.

Payne and his team are working with climate scientists and the fishing industry to produce fisheries forecasts.

"Fishers aren't interested in distributions of temperature and salinity, they are interested in distributions of fish. We need to bridge that gap, and that's where climate services come in. Climate services can turn model data, climate data, into variables, formats, outputs that are useful for society."

Mr Vangsbo added: "We want to show that climate services can be a vehicle for connecting the Arctic with the rest of the world. The fishing sector is just one example of an industry where these collaborations can have real benefit, and Climate-KIC hope to grow the profile of climate services and the impact they can achieve."

**ENDS**



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