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Justine VANHALST – Matís ICELAND – Olsztyn 30.05.2019

# FROM MICROBIOLOGY TO A HACKATHON





*Justine Vanhalst*

## Who am I?

- ❖ **Studied Marine Bioresources and Biology in Paris Sorbonne (Paris VI)**
- ❖ **Microbiologist at Matis on Virus-X (H2020)**
- ❖ **Project manager of Climathon Reykjavík since 2017**
- ❖ **Consultant at Reykjavík city hall for Climathon**





*H2020 – European Project*

# Virus-X: Viral metagenomics for Innovation value

- ❖ **H2020 project**
- ❖ **14 partners**
- ❖ **Sequenced-based Bioprospecting of extreme environment**
- ❖ **Better understanding of the microbial exosystem**
- ❖ **Developing a metagenomics tool box for bio-informatic analysis**
- ❖ **Invention to innovation**











**VIRUS-X**  
HORIZON 2020

# APPROACHING 50 MILLION GENES!







# Summer and Venture Schools From Matis to EIT

❖ **Summer school of 5 weeks on entrepreneurship and innovation**



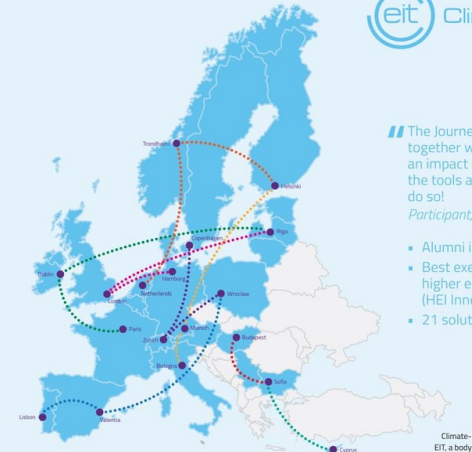
❖ **Venture schools in Reykjavík and Olsztyn**



## Journey

The world's largest climate innovation summer school

- Transformational experience
- Entrepreneurial & innovation skills
- Enhanced career opportunity
- Global network



“The Journey brings people together who want to make an impact and gives them the tools and the network to do so!”  
Participant, Journey 2016

- Alumni in Forbes 30 under 30
- Best exemplar of innovation in higher education by OECD (HEI Innovate)
- 21 solutions pour demain award

Climate-KIC is supported by the EIT, a body of the European Union



Over 1200 participants



More than 240 climate business ideas



Cultural diversity, gender parity and multi disciplinary



Working with academia, business, public and not-for-profit sectors



Supported learning from business coaches



99% satisfaction rates among participants



EIT Food is supported by the EIT, a body of the European Union



## Venture School - Olsztyn

22 Mai – 28 Mai 2019



First hackathon on Climate Change in Iceland

# What is a Climathon?



24-hours Hackathon to ...



Find SOLUTIONS to ...



Fight CLIMATE CHANGE



TOGETHER



IDEATE



COLLABORATE



FOR OUR PLANET



While having FUN...



By planting TREES



Competition with 1 WINNER

Climathon

Reykjavík



## Climathon Cities 2018



113

Cities



46

Countries



6

Continents



+5000

Participants



+400

Solutions





*Climathon reykjavík*  
**2017 – 2018**





# Climathon

Reykjavík

## 24-HOUR HACKATHON REYKJAVÍK 26 OCTOBER 2018

Join the #Climathon movement &  
solve Reykjavik climate challenges



City of Reykjavik



EIT Climate-KIC is supported by the  
EIT, a body of the European Union





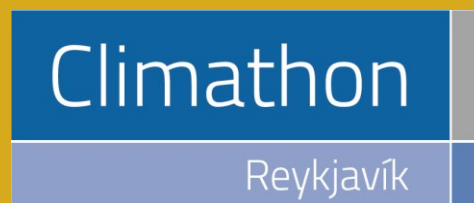


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# THANK YOU – TAKK FYRIR

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## What do I do?

- ❖ **Cultivation of new viruses**
- ❖ **Sequencing and analysis of their infection pattern**
- ❖ **Infection test on thermophilic bacteria**

