

Interreg



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Northern Periphery and Arctic

OatFrontiers – Adapting oats to Final Frontier

NEWSLETTER 1/2024

Introducing OatFrontiers

OatFrontiers aims to introduce oat cultivation to Northern periphery area

OatFrontiers project aims to introduce oat cultivation to Northern periphery area (NPA) where this crop's potential is currently underutilized. This requires following actions: test cultivars, develop cultivars and find a way to utilize them locally. We will test existing cultivars by organizing field trials in several locations that represent the variation of growing conditions within the NPA. We seek to find tools for plant breeders to develop suitable cultivars for NPA such as Northern parts of Scandinavia, Iceland and Western parts of Ireland in future. Simultaneously these tools can be used for tackling the extreme conditions related to climate change and for improving oat quality. These tools include understanding of traits such as day length sensitivity, earliness, disease resistance and straw strength. Furthermore, our project introduces new genetic variation to oat breeding programs, which can be used to improve above mentioned traits and other quality traits. We also aim to bring together the organizations responsible for oat breeding and oat research and organize events with farmers and entrepreneurs to spread information and good oat cultivation practices and to form networks to tackle challenges of local cereal production.



OatFrontiers
trial sites

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Meet the oat experts

One of the aims of Interreg funding is to increase the critical mass of innovators through international collaboration in order to develop solutions for local communities that often are scarcely populated and have limited innovation capacity. OatFrontiers is an effort between three Nordic plant breeding companies who have excellent expertise in spring oat breeding, three Northern European research institutes and four universities with unique expertise in oat research. In addition to 10 partners we have numerous associate partners who connect to our work such as local farmers associations and, co-operatives or education or advisors and research collaborators as far as North America. You can learn more about your local partners by following the local versions of the newsletters.

Follow us in social media and prepare to join our events locally or online

During the year 2024 OatFrontiers project organizes 8 farmer field days in different countries and regions. Another interesting event will be the workshop organized in Iceland on 8.10.2024. The aim of this workshop is to inspire to oat production in peripheral areas and share information about oat cultivation and cultivars.

Please let us know if you are interested to receive further information about our events.

<https://forms.office.com/e/yy6j5jMBVe>

Further information about the events can also be found from our website and from our social media accounts:

<https://www.interreg-npa.eu/projects/oatfrontiers/>

<https://twitter.com/OatFrontiers>

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