



inov3PT
SEED POTATO
FOR THE FUTURE



Capturing the potential of Gene editing for a sustainable BioEconomy



Abstract

The new genome techniques (NGT), including gene editing, should help (in addition to traditional selection techniques) to meet current challenges, particularly pollution and climate change. However, these techniques have not yet reached their full potential in Europe. The aim of GeneBEcon is to develop a gene-editing toolbox for potato and microalgae, which will provide case studies to evaluate regulatory options, analyse economic impact and assess societal perceptions. GeneBEcon aims to promote energy-efficient, low-input and pollution-free agricultural production and clean industrial processing.

Actions

Action 1 : governance options for the use of NGTs in the European Union

Action 2 : advancing NGTs in biobased research and innovation

Action 3 : innovate the production process for NGT products

Action 4 : definition and development of communication and promotion tools

Action 5 : project coordination

TECHNICAL MEMO

Call for projects:

HORIZON-CL6-2021 ZEROPOLLUTION-01-08-New genomic techniques (NGT): understanding benefits and risks – focus on biobased innovation

Project leader:



Denis Erikson

Project duration: 36 mois

Start/End of project:

01/09/2022 – 01/09/2025

Partners:

- XPRO Consulting Limited
- SolEdits AB
- Latvijas Universitāte
- FN3PT/inov3PT
- INRAE
- Euroseeds
- Danish Technological Institute
- Slovak University of Agriculture in Nitra
- Eigen Vermogen van het Instituut voor Landbouw en Visserijonderzoek
- European Technology Platform 'Plants for the Future'
- Wageningen University
- Bundesamt für Verbraucherschutz und Lebensmittelsicherheit
- Universität Bayreuth
- Sociedade Portuguesa de Inovação Consultadoria Empresarial e Fomento da Inovação SA
- HZPC Research BV
- Eidgenössisches Departement für Wirtschaft, Bildung und Forschung
- INVE Belgie

Financial support :



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Project website :

April 2024

