

Postdoctor position in the project FuturePack: The plastic packaging of tomorrow in a circular economy

Nofima AS has available a 2-year Post Doc position at the Department of Food safety and quality starting January 2018. The position is a part of the large research project, FuturePack, financed by the BIA-program in The Research Council of Norway. In this project, we wish to identify sustainable and economically viable solutions to the technological, societal and environmental challenges to develop Norwegian plastic packaging for the future.

For the work package «Packaging design for recycling» we are looking for a Post Doc candidate who will work on developing methods to improve the recyclability of plastic packaging, develop smarter and more sustainable packaging concepts and study the effect of packaging on product quality and shelf life. The candidate will work closely with Norner Research AS and Nofima AS and will perform research at both institutes.

The candidate will perform research on:

- How recycled plastic materials can replace virgin plastic materials in packaging and its effect on essential material properties.
- How product quality and shelf life of selected food products are affected by replacing complex materials/laminates with mono-materials.
- The candidate will contribute in workshops with the project partners. A minimum of two scientific publications on the performed research are expected.

Qualifications:

- PhD in polymer/material technology and/or packaging/food technology
- Experience in experimental work and planning experiments
- Motivated, with ability to work independently and good communication skills.
- Fluent English and preferably also Norwegian or other Scandinavian language.

The position will be a part of the research group on packaging at Nofima AS and the research and development department at Norner Research AS. We offer an exciting collaboration with Norwegian and international research environments and industry. Work place will be divided, upon further agreement, between Nofima AS in Ås and Norner Research in Stathelle. Some travelling should be expected. For questions regarding the position please contact Senior Researcher Dr. Marit Kvalvåg Pettersen, Nofima AS, at + 47 649 70 280 / +47 928 07 951 or Advisor Dr. Siw Fredriksen at Norner Research AS at tlf. + 47 35 57 80 98 / + 47 414 46 668.

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