

LDE Minor

Centre for Frugal
Innovation in Africa

Frugal innovation for Sustainable Global Development



A unique opportunity to combine
theory, practice and societal engagement
including a 12 week internship abroad

BE AWARE! Selection minor
Registration 1-15 April 2020



Universiteit
Leiden
The Netherlands

TU Delft Delft
University of
Technology

**Erasmus
University
Rotterdam**

Erasmus



This minor provides for a multidisciplinary learning environment, bringing together students from Leiden University, TU Delft and Erasmus University Rotterdam. In the minor you will critically explore how and under which conditions frugal innovation can contribute to sustainable global transformation processes that serve both people and planet. We provide a unique opportunity to combine theory, practice and societal engagement during a 12 week field assignment / internship.

What is frugal innovation?

Frugal innovation is about innovation processes that take account of and aim to overcome resource constraints in communities and societies. Think of societies or communities where poverty prevails and/or settings of overexploitation of (natural) resources, which lead to environmental degradation and climate change. Frugal innovations aim to combine less use of (scarce) resources while maintaining and/or improving affordability, basic functionalities and an optimized performance.

Both academics and policy makers increasingly see frugal innovation as a promising way to overcome constraints in, for example, (access to) health, energy water, and food, by and for people worldwide. It could possibly contribute to global societal challenges and themes, for example sustainability, reduction of poverty and inclusion.

Frugal innovations can be found across the globe, ranging from (informal) urban and rural settlements and communities to industrial complexes. Multiple actors are involved, including national governments and international organizations, multinational enterprises, non-governmental organizations (NGOs), maker movements, and innovators at grassroots level.

About the minor

In the minor you will critically explore the widely acclaimed potential of frugal innovation to contribute to processes of (local and global) sustainable transformation that could benefit people and planet. You will study frugal innovation through various lenses (development, technology and entrepreneurship), which will make you familiar with the current academic and policy debates on frugal innovation. These lenses will be explored in various courses, which combine literature study with class tutorials and discussions, guest lectures by practitioners, laboratory work, and excursions.

You will not only discover the theory of frugal innovation, you will also apply your knowledge in practice during a 12 weeks field assignment that will be offered by the minor. During this field assignment you will be engaged in real life research on and/or design and development of a frugal innovation. The field assignment allows you to combine your own BSc study background with the knowledge and skills you acquired in the theoretical part of the minor.





Target group

All third year Bachelor's students at Leiden University, TU Delft and Erasmus University Rotterdam who are interested to become engaged in a new and emerging field of studies, and are up for an multidisciplinary challenge and an field assignment abroad. This minor is especially targeted to those who see the mutual benefit of integrating social, entrepreneurial and technological knowledge and skills, and are eager to apply their academic knowledge to practical work and a field assignment abroad

This minor is a full-time, 30 EC minor, which runs from September 2020 until the last week of January in 2021. Please, take into account that it is not possible to combine participation in this minor with other studies or retake exams. The minor forms a continuous program with its own exam rhythm and subsequent field assignment, which you cannot break into.

Important data:

Registration at your university
Deadline to send CV + application form
Notification admission
Field assignment match making event
Field assignment abroad

1 April - 15 April
15 April
before 24 April
18 June 17.30 - 20.00
November - January

The field assignments / internships

The field assignments take place abroad between November 2020 and January 2021, and are mostly located in countries in the Global South. There is a possibility to conduct a field assignment in the Netherlands. If you wish to do so you can indicate this when you register for this minor. The field assignment is done in a multidisciplinary group of three students. You can indicate your preference for field assignments but the minor coordination will decide upon the final allocation and group compositions, in consultation also with the field assignment providers.

You are expected to cover the costs for the field assignment yourself. These include, among others, return ticket, visa and vaccinations, accommodation and living costs, and travel costs during the assignment. Past experiences show that the total amount needed for the field assignment amounts to 2,500-3,000 euro. We will inform you as much as possible on subsidies and grants for which you can apply to cover (part of) these costs.

Registration

This minor is a selection minor, 33 students will be admitted, ideally 11 students from each university. We are looking for a high diversity of interests and disciplinary backgrounds, The selection takes place by means of an application form you have to fill in and a CV. For more information on the minor and the application procedure check out <https://www.cfia.nl/education> or the study guides.



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This LDE minor Frugal Innovation for Sustainable Global Development is offered by the Leiden-Delft-Erasmus Centre for Frugal Innovation in Africa.

The academic coordinator is Dr. André Leliveld, African Studies Centre Leiden, Leiden University.

for more information please visit

www.cfia.nl/education

www.instagram.com/gofrugalstudents

Questions?

Email us!

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