

Oemof  
Workshop Week

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# Introducing oemof

*Martha Hoffmann*

*Kickoff: Monday*

*RLI, 16.09.2019*



oemof  
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## Welcome and Agenda

All workshop contents at: [https://github.com/smartie2076/oemof\\_workshop](https://github.com/smartie2076/oemof_workshop)

# About the Reiner Lemoine Institute

- ▶ Not-for-profit research institute
- ▶ Founded 2010 in Berlin, from Reiner Lemoine Foundation
- ▶ About 50 employees, 30 students
- ▶ Three main research fields:
  - ▶ Transformation of energy systems
  - ▶ Mobility with renewable energy
  - ▶ Off-grid systems
- ▶ Managing Director:  
Dr. Kathrin Goldammer
- ▶ Member of ARE, eurosolar, BNE, dena...



**Reiner Lemoine**  
Founder of Reiner Lemoine-  
Foundation



# Learning outcomes of the week

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**What is oemof and how can it be used?**

**What are the main component models of oemof?**

**How can constraints be introduced to a oemof model?**

**What does MVS from the oemof toolbox do?**

**What are ideas for further work or collaboration?**

- ▶ Agenda, slides, tutorials and tasks at:  
[https://github.com/smartie2076/oemof\\_workshop](https://github.com/smartie2076/oemof_workshop)
- ▶ [Agenda](#) of the week
- ▶ Meeting places:
  - ▶ Monday: Big conference room
  - ▶ Tuesday: Big conference room (9:00)
  - ▶ Wednesday: Big conference room (9:00)
  - ▶ Thursday: Small conference room (9:00)
  - ▶ Friday: Cafe in the city, TBA (9:00)

## Getting to know oemof

# Agenda of the day

Time		Activity	Place
9:30	- 10:00	Meet´n´Greet	Conference room
10:00	- 11:00	Setup of oemof on personal PC	Conference room
11:00	- 11:30	Coffee break	Kitchen
11:30	- 13:00	Session I: Oemof Basics	Conference room
13:00	- 14:00	Lunch break	Esswirtschaft, Adlershof
14:00	- 16.30	Programming session I	RLI-B
16:30	- 17.00	Wrap-up	RLI-B
18:00	- 20.00	Welcome dinner	Chay village, Friedrichshain

# Self-introduction of participants

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- ▶ Name and institution
- ▶ Specialization and research subject
- ▶ Programming experience with python
- ▶ Experience with optimization tools
- ▶ Interest in oemof
- ▶ Expectations to workshop outcomes



# THANK YOU FOR YOUR ATTENTION !

## How to follow Oemof's activities?

Website: <https://oemof.org/>

Github: <https://github.com/oemof>

Or join our mailing list!



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