Programm oemof-Workshop

	Mon 16 Sep 19	Tue 17 Sep 19	Wed 18 Sep 19	Thu 19 Sep 19	Fri 20 Sep 19
Meeting Point	RLI, Conference room	RLI, Conference room	RLI, Conference room	RLI, Small conference room	Cafe in city, TBA
Topic of the day	**Get started with oemof**	**Component models**	**Introduce constraints**	**MVS**	**Own issues**
09:00		Workshop day kick-off	Workshop day kick-off	Workshop day kick-off	Workshop day kick-off
09:30	Meet'n'Greet, RLI, Expectations	Session: Component models	Session: Linear optimization and constraints	Session: Introduction into MVS	Programming session V: Working on own problems, deepening oemof-knowledge or MVS understanding
10:00	System set-up: Python, Pycharm, Oemof, environment, cbc-solver				
10:30		Discussion: Needed components	Discussion: Needed constraints	Discussion: Feedback	
11:00	Coffee-Break	Coffee-Break	Coffee-Break	Coffee-Break	Feedback round
11:30	Session: Oemof-Basics	Programming session II(a): Modelling and optimizing a hybrid micro grid.	Programming session III(a): Adding constraints when optimizing a hybrid micro grid. Requiring a minimal renewable share.	Hands-on-presentation: MVS code	Closing
12:00					
12:30		Off-grid research group Team meeting & Lunch			Optional: Global Climate Strike Demonstration
13:00	Lunch		Lunch	Lunch	
13:30					
14:00	Programming session I: First oemof programming tasks	Programming session II(b): Modelling and optimizing a hybrid micro grid.	Programming session III(b): Adding constraints when optimizing a hybrid micro grid. Introducing a stability constraint to secure reliable operation.	Programming session IV: Self-reliantly exploring the MVS code and gathering ideas for further development	
14:30					
15:00					
15:30				Discussion: Future MVS development	
16:00					
16:30	Finishing remarks, Q&A	Finishing remarks, Q&A	Finishing remarks, Q&A	Finishing remarks, Q&A	
17:00					
17:30	Optional: Check-in at Hotel				
18:00	Welcome Dinner: Chay village			Visiting museum: Everyday life in the GDR	
18:30					
19:00					
19:30					