Project Name	Carbon Footprint Visualization
Production system (if any)	...
Test system (if any)	...
GitHub repository	https://github.com/amosproj/amos-ss2021-carbon-footprint
GitHub kanban board (project)	https://github.com/amosproj/amos-ss2021-carbon-footprint/projects/1
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/gawEFWZioZC
Zoom-Meeting	https://fau.zoom.us/j/64835513630

Last Name	First Name	GitHub User Name	Email Address
Anand	Mani	manifau	mani.anand@fau.de
Dürsch	Martin	MartinDuersch	martin.duersch@fau.de
Gandomkar	Parham	gandompm	parham.gandomkar@fau.de
Oelhaf	Julian	ScoutAtlas	julian.oelhaf@fau.de
Olyaee	Ehsan	Olyaee	ehsan.olyaee@fau.de
Scheiderer	Michael	MichaelScheiderer	michael.scheiderer@fau.de
Toroslu	Irem	IremToroslu	irem.toroslu@fau.de
Varanasi	Sai Varun	SaiVarunVaranasi	varun.sai.varanasi@fau.de
Wagner	Martin	Waldleufer	martin.wagner@fau.de

Goals	Experience Agile/Scrum
	Achieve our defined project mission
	Develop software that is able to visualize the carbon footprint of some machinery / production environments (scenario) under different circumstances (calculations)
	Design a valuable product with functions that the user really uses
Meeting norms	Inform the others if you can't attend
	Everyone shows up on-time
	We do not interrupt each other
	Attend all of the meetings
Working norms	Everyone contributes regularly
	We value quality over quantity
	Lines of comments (well documented) > Lines of Code
	Recommendation: Visual Studio Code
	Testing/Verification (Unit Testing)
Coordination norms	Scrum tools
	People choose what they want to work on, unwanted work gets split up over all team members equally. (managed by Scrum Master)
	Put everything non code related to the google drive folder
	Every job has a responsible person
Communication norms	Email for important things
	GitHub for Code related things
	Slack for organizational and product related discussions
	Protocol of the Meeting (in google drive, like a summary) - writing meeting minutes - documenting decisions
	We check Email at least once a workday
Consideration norms	All important decisions made in the team meeting
	Possibility of a emergency meeting with at least 1 PO, 2 SD
	We discuss disagreement openly
	We vote for a final resolution
Cont. improvement norms	Using the kanban system to track the teams progress
	Using the continuous demo releases to track the improvement of our system
Rewards	To celebrate the achievement of a goal we will meet for a beer (or maybe a cocktail) if possible in person otherwise online
Sanctions	You must raise clear violations of the team contract
	We apologize by writing a 4 line poem about how one will improve themself (and the meaning of life) and share it with the team!

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Scrum Master	Release Manager
1	2021-04-14		Yes	Olyaee, Scheiderer	Everyone else	N/A	N/A
2	2021-04-21		Yes	Olyaee, Scheiderer	Everyone else	Varanasi	Anand
3	2021-04-28			Olyaee, Scheiderer	Everyone else	Varanasi	Dürsch
4	2021-05-05		Yes	Olyaee	Everyone else	Scheiderer	Gandomkar
5	2021-05-12			Olyaee	Everyone else	Scheiderer	Oelhaf
6	2021-05-19		Yes	Scheiderer	Everyone else	Olyaee	Toroslu
7	2021-05-26	Mid-term due	Yes	Scheiderer	Everyone else	Olyaee	Varanasi
8	2021-06-02			Olyaee, Scheiderer	Everyone else	Wagner	Wagner
9	2021-06-09			Olyaee, Scheiderer	Everyone else	Wagner	Anand
10	2021-06-16		Yes	Olyaee, Scheiderer	Everyone else	Anand	Dürsch
11	2021-06-23			Olyaee, Scheiderer	Everyone else	Anand	Gandomkar
12	2021-06-30			Olyaee, Scheiderer	Everyone else	Gandomkar	Oelhaf
13	2021-07-07		Yes	Olyaee, Scheiderer	Everyone else	Gandomkar	Toroslu
14	2021-07-14	Demo day!		Olyaee, Scheiderer	Everyone else	Toroslu	Varanasi
15	2021-07-21	Retrospective		Olyaee, Scheiderer	Everyone else	Toroslu	Wagner

Product Vision	Project Mission
The vision of this project is to create a (web) application to visualize, compare and analyze the impacts such as global warming, ozone layer depletion, acidification, etc that come from the production, use, and end-of-life of a product or service. We aim to set the highest standards for environmental protection in the industry and urge business partners to share this ambition and cooperate with both customers and suppliers to strive for continual improvement. We calculate the carbon footprint and help our customers to understand the impacts and risks associated with it and offer alternatives. To present those numbers effectively, they need to be visualized. This is where the "Carbon Footprint Visualization" comes in. Salesman can use the visualization to directly show the customers the impact a product has on the environment and how the impact could be reduced with another version. For example, we could possibly convince customers to invest in something that reduces CO2 emissions, which maybe is more expensive now but will payout in the long run by slowing down global warming.	We pursue ambitious goals with regard to resource efficiency and environmental protection, and hence create long-term value by treating people and the environment in a responsible manner. The main objective of our environmental work is to prevent pollution and continually reduce the environmental impact of our activities in order to protect the environment for future generations. To meet these objectives, we will maintain and further develop a culture in which reducing the environmental impact over each product’s life cycle is an integral part of our daily work practices.

Term	Definition
Project	Synonym for projects created by Siemens Energy experts at SimaPro
Product	Synonym for the products available in Siemens Energy projects. For example, gas turbine or transformer
Model	Synonym for available models of a product. For example, a 3-phase GSU transformer. All the models are modeled by SimaPro. Detailed information of a model could be found at canvas section in SimaPro
Baseline scenario	Baseline scenario of a product with a default value for its variables
Scenario	The scenario created by changing default values of a model
Canvas	A window in which a scenario of a product is visualized
SimaPro Canvas	A canvas in which a SimaPro model is visualized. its different than the canvas in Carbon Footprint project

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down

Sprint	Status	Source	Impediment	Resolution
5	In-work		Connection/motivation from the industry partner with SDs missing	Industry Partners join next team meeting (05-12)
5	In-work		Unclear requirements from the industry partners	Weekly meetings with their SDs from India

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done

Type	Link / reference

#	Context	Name	Version	License	Comment
1	Backend	express		MIT	
2	Frontend Framework	React.js	16.13.1	MIT	
3	Frontend Framework	react-admin-dashboard	2.0.0	MIT	https://github.com/llorentegerman/react-admin-dashboard/tree/v2-0-0

Last Name	First Name	Value					
Anand	**Mani**	8		**8.00**	**OK**		
Gandomkar	**Parham**	8					
Oelhaf	**Julian**	8					
Toroslu	**Irem**	8					
Varanasi	**Sai Varun**	8		0	No effort		
Wagner	**Martin**	8		1	Minimal effort		
Dürsch	**Martin**	8		2	Small effort		
				3	Medium effort		
				5	Large effort		
				8	Very large effort		
				13	Too large effort		