Project title

 "Smart port logistics"

Number of students

(minimum 2)

: No limit

Project duration (1-6 months):

Best 6 months, no less than 3 months

Project frame (Bachelor/Master, small project):

Can be any of these. Master thesis is preferred

Background:

The Port of Stavanger has multiple berths and terminals interacting with both ships and hinterland actors.

Of around 50.000 yearly port calls in four municipalities, approximately 1/5 are not of type ferries and passenger ships.

These ships use a range of private and public terminals. The terminals are ranging from serving conventional cargo and bulk to ship waiting at terminals and offshore related industry.

The Terminals proposed to look at in this study are the Terminals where the Port itself operates (public). These ranges from cruise ship terminals, OSV- (Offshore Service Vessels) to supplementary waiting terminals.

The challenge:

Different research questions are important, such as:

Which new alternatives could improve the collaboration between the port/terminals and the hinterland operations?

(Alternatives may include communication and coordination technologies, business models, management, procedures, etc)

The company:

The contact persons in the port are Terje Rygh (IT) and Trond Andersen (Maritime Manager). Terje Rygh: terje.rygh@stavanger.havn.no Trond Andersen: trond@stavanger.havn.no

Supervisor:

Professor Jan Frick, University of Stavanger Business School.

Candidate background:

Ideal background for the project are a mix of students from both engineering and management studies.

References and complementary description:

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List of references used in the description of the project proposal