Concept	Evgenia	Marti	Roely
Socio-tech system	Mobility sub-system can basically be translated as a network of connections with the purpose of linking all the existing functions (and apparently sub-systems) that take place within the society. Within this network of connections, also a network structure, consisted of stakeholders that share economical interest can be recognized. Sustainable mobility is basically based on technological developments that unavoidably will change the balances in this network of stakeholders. The impact created on the social extend of the sub-system is of a great importance for the users and for the system in order to sustain itself.	Our project works in a ST system: technological applications are implemented in a social context. Developing the social part of the project has the same importance (or even more) than the technical part.	Science, technology and society is shaping eachother, they are not oparating in isolation. In a socio-tech system, this three factors and their elements need to work together.
TX energy production as a ST system	For the moment Texel island is basically dependant on the main land for energy sources. However, the wind, sun and geothermal energy sources have started being used for the production of renewable energy and present very good potential for the future of Texel as an energy efficient ST system. Also the acceptance of the residents towards the integration of the essential technologies is on an increase.	Texel has the potential of becoming 100% energy self-sufficient. However, this needs a big investment for the necessary technology and also dealing with a lot of stakeholders (Texelaars, energy sector, grid operators, governments...)	Because Texel is an island and has his clear borders, the source of energy can also be clear. The energy production can be transparent.
Sustainability transition	A sustainable transition could have a focus on a specific technological extend that can create very positive impact on the ST system. However, sustainable transitions can have broader objectives and cover more aspects than energy efficiency for example or a developed geothermal energy grid. In our case, intelligent cycle paths is an example of sustainable transition that aims also in bringing people close to nature.	There are many different approaches to what sustainability is. Therefore, a transition towards a more sustainable system is not always clear in goals.	Every change towards more sustainability, but sustainability is a broad subject. A lot of changes can be called sustainability transition.
TX sustainable energy transition	As mentioned previously, TX ST system is currently following the steps needed to become an energy efficient island, by integrating renewable sources technologies. Undoubtedly this transition is maybe the most important one for an area that aspires to be characterized as sustainable.	When talking about a sustainable island, energy self-sufficiency is the first idea that comes to the mind. It is important but not less than other field works. Hence, it should be included in a wider plan of sustainability transition	I don't know if Texel is sustainable when it is totally self-sufficient in the future. The island is not really big, so maybe it is more sustainable to share with the mainland.