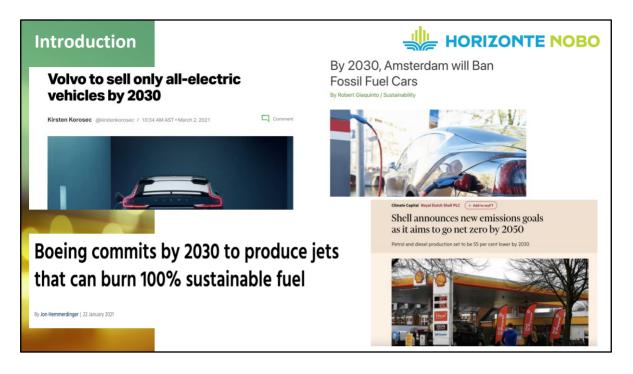


Thank you Nicole, for introducing me, As protocol has been served already, I would just like to say: bon tardi / good afternoon ladies and gentlemen. First of all, I would like to thank the Curaçao Climate Change Platform for welcoming me here and for organizing this important event!



Today I want to talk to you about the Living Lab and about the opportunities that the Energy Transition can have for our island. The Energy Transition is a key requirement to address the Climate Change challenges.

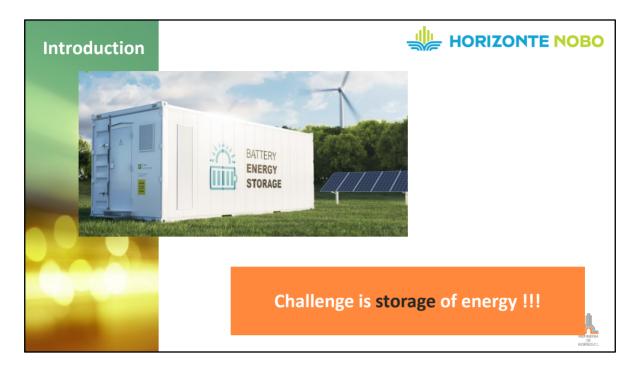


If we look at what is happening in the world, if we just look at some headlines of the past year these are the things we see:

But also on a country level, we see big things happening:



- Germany.....
- Europe and the US are planning on reaching net zero by 2050
- Putting the technology in place to actually achieve those massive reducions in CO2 emissions will cost a lot of money and at the same time create an investment opportunity
- Decarbonizing Europe's energy system: \$5.3 trillion dollar (BloombergNEF's European Energy Transition Outlook 2022).
- Going net zero at the US by 2050 would require large capital spending: 27 trillion through 2050, this is equal to \$900 billion dollars per year on average!



The challenge is that energy produced from renewable sources is only intermittently available, while the demand is continuous and the demand is for reliable energy!

Storage is a major challenge. Apart from storage there are many other challenges. There are also many innovative solutions available, but these need to be tested in live environments. Which brings me to the Living Lab Curaçao.



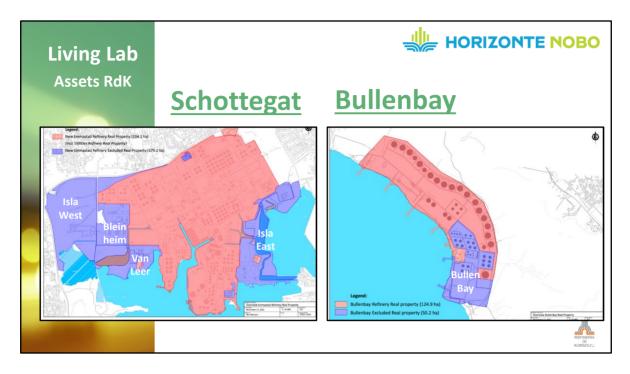
The Living Lab Curaçao is a living lab focussed on the challenges that the energy transition and the mobility transition bring. What is a LL?

Living Lab Curaçao Live Environment Test out sustainable and innovative solutions for energy transition and mobility transition related challenges / problems Triple Helix Model





Several work areas, cannot discuss all. Some main areas are:



RdK has identified several areas around the refinery and the BB Terminal which are available for sustainable economic development.

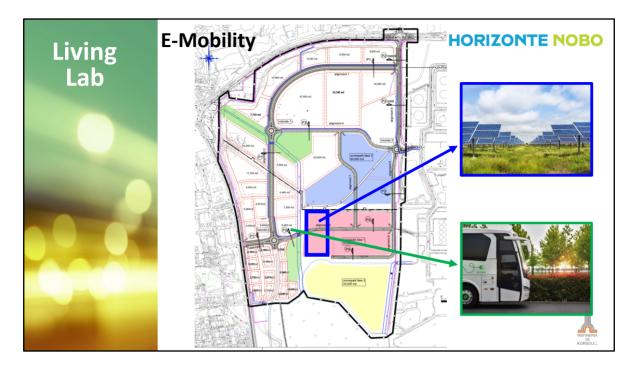
Some (not all) of the LLC activities could be developed on these areas.

One of these areas: Isla West!



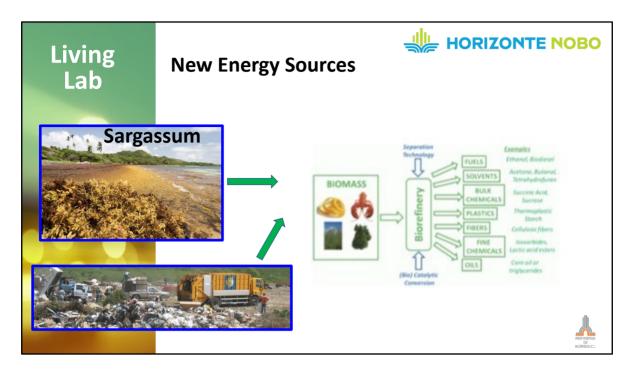


- 1. Historically a landfill
- 2. Approx. 70 hectares piece of asset, yielding 0 income
- 3. Convert into an ecoindustrial park, to generate new alternative income.

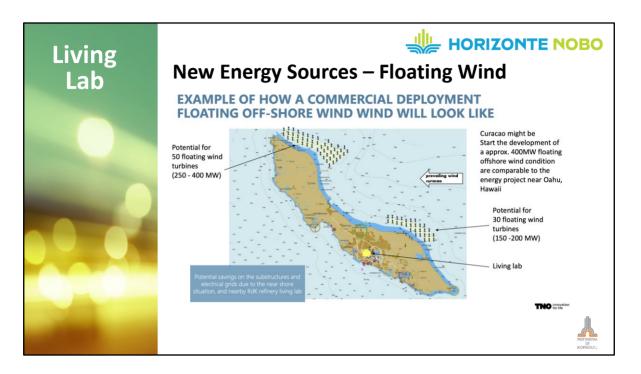


1st phase Solar park + 6 electric buses for public transportation operated by ABC Busbedrijf.

Project is in the phase of aquiring the required funds for execution.



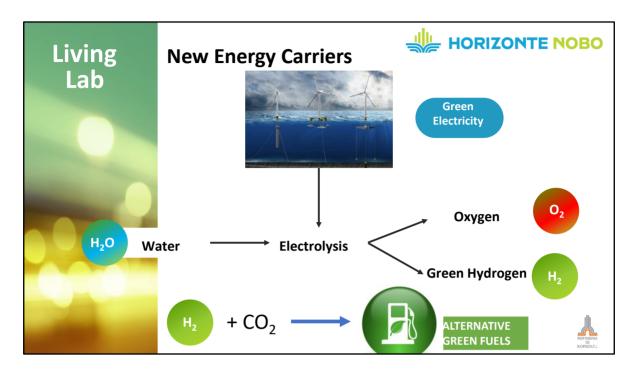
- Another LLC feasibility study together with GMN ,which is on-going is to make profit out of the Sargassum algae.
- Also together with Selikor, look for alternative solutions for the domestic waste produced, which is now landfilled.
- All these are biomass and can be used as feed to a biorefinery to produce sustainable products: fuels, plastics, chemicals, etc.



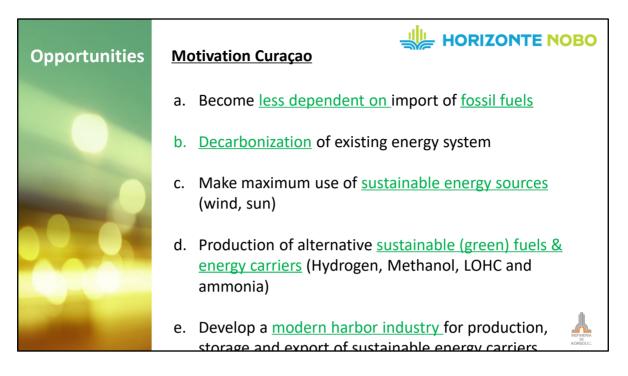
Another example of a new energy source is floating wind.

The commercial production of wind energy can be used to produce Hydrogen and Green Fuels.

which both are a solution for the energy storage issues mentioned before.



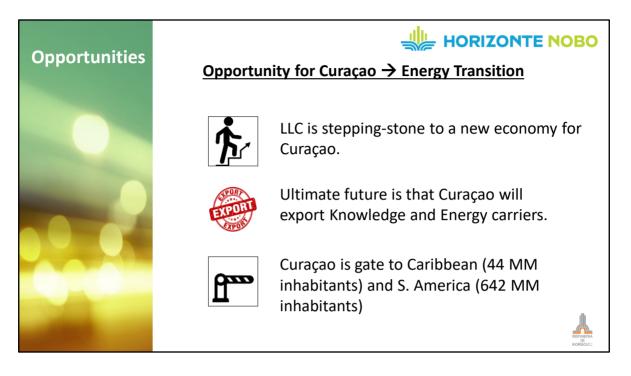
Curaçao can make the Hydrogen and Green Fuels which are so much needed by Europe and the US.



What do we gain with all this? What are the opportunities for Curaçao?



In the coalition agreement of the new Gov of the Netherlands they commit with opening several funds now also for Curaçao, Aruba and St. Martin, which was not the case before.



The energy transition will happen worldwide. It will be a growing trillion dollar industry for the coming many years

If Curaçao can participate from the beginning, this forms a tremendous opportunity for Curaçao.

We have to grasp this opportunity with both hands! Curaçao should aim to become a front runner in the region.

This has been my last slide. I want to thank you all for your attention.

