

Shot 5- The bigger picture



But in the greater scheme of things – how can this research help support our lifestyles in a future bioeconomy?

After the Paris Climate Agreement the push to decarbonize our societies has gotten stronger and this means that in the future, whether we are: shopping for food, clothes, watching telly, driving our cars, taking a shower, working, cooking dinner, or even the energy that runs our cities all of these basic daily requirements will have to be derived from renewable sources, with a large share of these future raw materials being biomass based.

Shot 6- The take home message

Our research combines life cycle thinking and regional contexts and with this we aim to determine how sustainable such biobased energy and biobased products are and if they should get the green light to help us meet the targets of the Paris agreement. We should always be thinking and asking life cycle questions to move us forward to a more sustainable life style, as the children of tomorrow need us to think of these important questions today.



How can this help with our daily life in a future bioeconomy?

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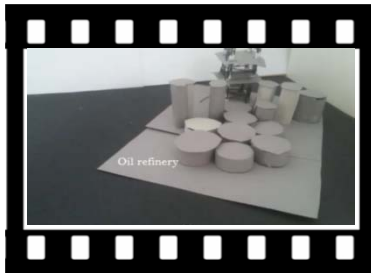
Video three- Transcript

Shot 1- Research at the UFZ

Here at the UFZ in Leipzig, Germany we carry out research on many aspects of the environment, this also includes monitoring the environmental consequences of shifting from fossil based economies to biobased economies.



Shot 2- Simple examples of our work (last 2 videos)



In two previous videos we used simple props to show some of the research we have been doing, together with the DBFZ, in relation to biobased energies. This research looked at how we should

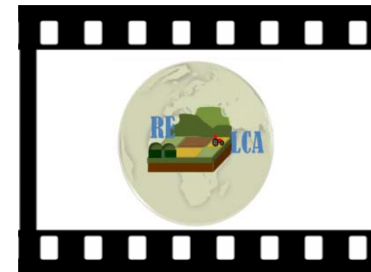
conduct a life cycle assessment of the various biobased energies produced with a certain region. So as part of this research we figured out that we needed somehow to orientate our life cycle thinking towards three regional contexts to be more effective in making our assessments.

Shot 3- Regional contexts

The first “a within region” – the focus is what’s going on within the region, the second is “region and row” the focus is both the region and particular markets outside of the region and the third is basically where you have a lot of regions trading with one another –regionally differentiated.



Shot 4- RELCA approach



We even have started building a model as an example to give us a better understanding of how to make such LCAs defined by a particular regional context.