



# PLASTLIFE-project: As an example the story of a new product made by one project partner

*KUAS*

*All pictures: KUAS, PLASTLIFE-project*



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## KUAS's goals in the project

- Investigate agricultural waste PE-LLD plastic processing and environmental impact (storage, production, transport).
- In practice, try plastic pre-treatment methods, granulation and making different products with a number of raw material mixes



## At first

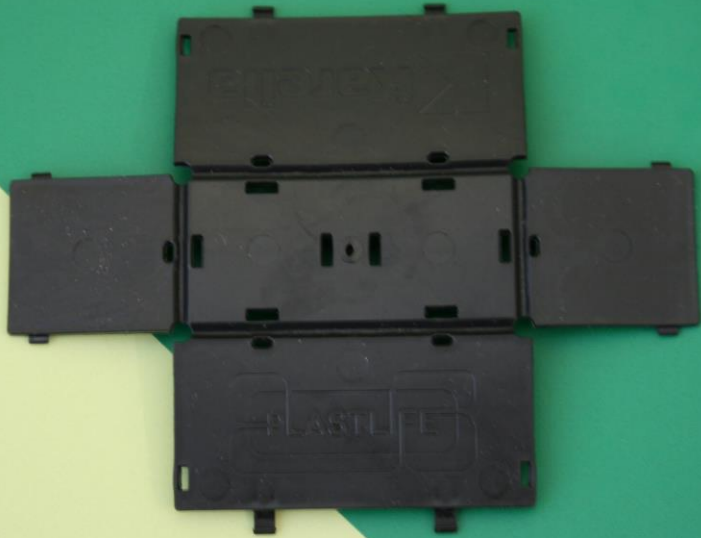
- We designed the product , in the early stages with cooperation Vaahterinen Oy
- We made an injection mold
- We made the test piece a product using fossil raw material
- We investigate with a third party whether there is a similar product



## Then

- We made a product using three different raw materials
- We measured the energy consumption of the manufacturing method, the work continues
- We made LCA calculations from the process, calculations will always be refined as needed





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 | [plastlife.fi](http://plastlife.fi) | [#plastlife](https://twitter.com/plastlife) |

 LIFE21-PI-FI-PLASTLIFE  
PlastLife on osa EU:n LIFE-ohjelmasta  
valittuna edistämään ympäristön  
säästämistä, kestävää kehitystä ja  
ilmastonmuutoksen torjuntaa. Loppu-  
rahoitus on osa EU:n elämäntilanteen  
ohjelmasta.



## In the future

- We will continue to study processes
- We continue to examine the material, special attention is paid to additives/blends
- We will continue to develop the product toward the market product: a number of different options as a product in itself or combined with other project output

Without them we wouldn't have done anything:  
The list is not complete and the persons are  
mentioned in alphabetical order

- **KUAS team:**
  - Hämäläinen Jari
  - Nyysönen Jussi
  - Pohjonen Alma
  - Pölönen Matti
  - Pöntinen Noora (trainee)
  - Rautava Ulpu (trainee)
  - Ruuska Satu (trainee)
  - Tuovinen Annika (trainee)





# Thank`s

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