

Wings for Aid

Collaboration in humanitarian aid

Wings For Aid, a Dutch humanitarian aid community, wanted to develop a Remotely Piloted Aircraft System that delivers humanitarian goods to people isolated by natural disasters and man-made crises — safely and with pinpoint accuracy.

We collaborated with them and a consortium of other expert collaborators to design a cargo drone that could do just that. The project required cross-border insights and a multidisciplinary team to approach ideas from different angles and to consider the regulations, frameworks and possibilities, both for the drone and the supplies box itself.

We had to ask ourselves a lot of questions: How will this drone reach its

destination? How will it hold the package? How will we train the pilot? How can we manage the logistics?

And we came up with some innovative ideas - for example, making the cargo bay prototype out of PET-G, which is used in blister packs: cheap and transparent so we can see what's happening during testing. In addition, we developed a security system that helps prevent the boxes from falling when they are not supposed to be dropped and added a manual possibility to help drop the supplies in emergencies.

The Wings for Aid solution is a big step for humanitarian cargo Logistics, proving that **we can make the world a better place.**

