



## THE PROBLEM

- The world is warming up
- Work in hot countries like India may lead to heat injuries
- Workers have no ways to escape the heat
- If we do not solve it now, people may die, and food shortage may occur

## THE SOLUTION

- We constructed a solar panel-powered coolbox and vest with coolpads
- The coolbox can also contain water bottles
- The solution is sustainable and helps the workers staying cool

## THE TEAM

Hein Daanen (thermal physiology), Luuk Schermerhorn (science business and innovation), Hashim Quraishi (technician), Carolien Evers (cooling vest), IZI body cooling (cooling elements), EigenEnergie.Net (solar panels)

## THE IMPACT

- Humans will evaluate the system in a 35°C climate chamber
- Marketing plan in the making
- The system may also benefit agricultural workers, road workers and others
- It is a COOL product!

