

the fortune cooker project



Ingenieurs Zonder Grenzen
Engineers
Without
Borders



STUDENTS  **2 SUSTAINABILITY**

 **TU Delft**

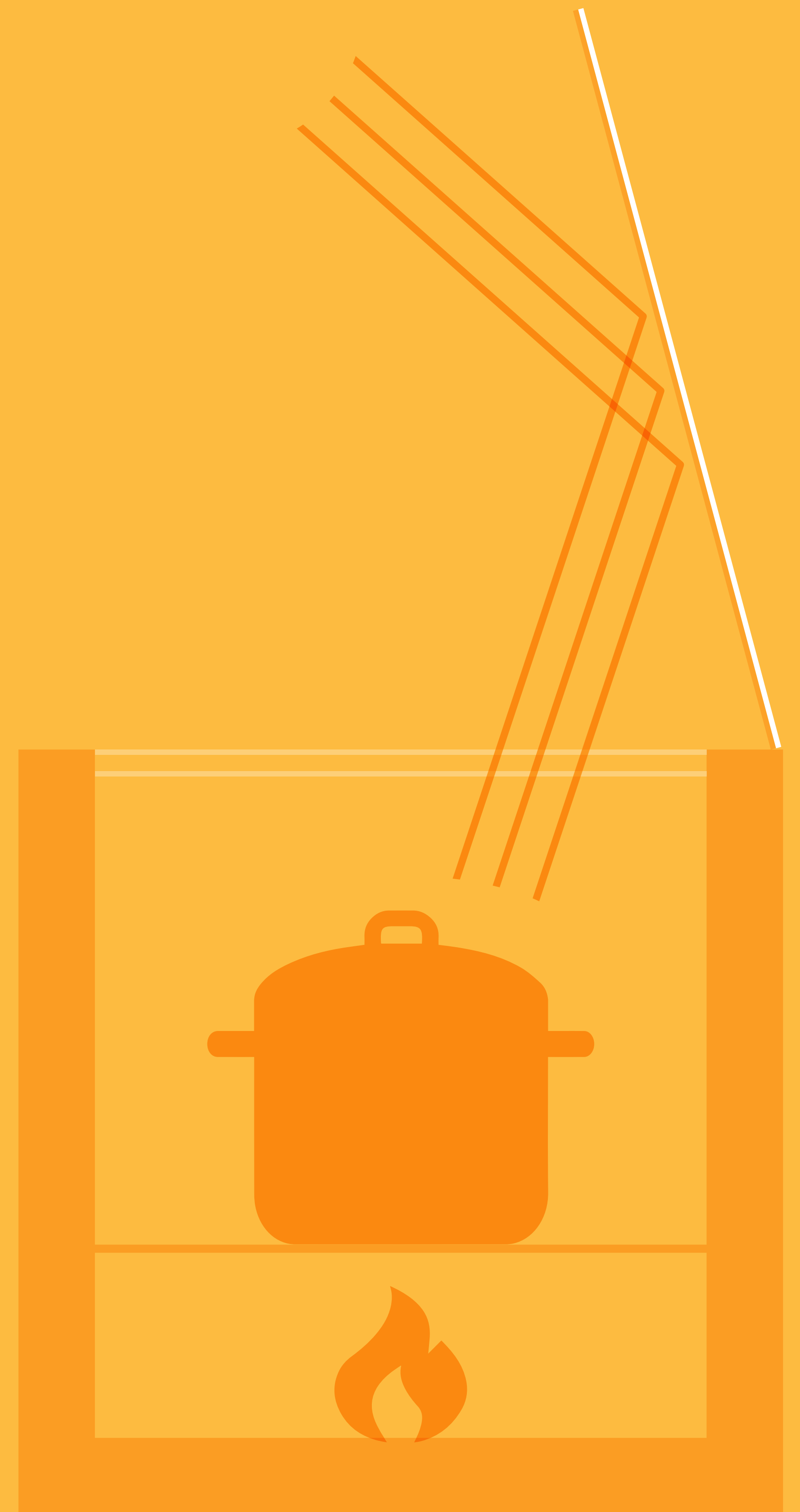


FORTUNE COOKER
MOROCCO

the fortune cooker:



how does it work?





FORTUNE COOKER
MOROCCO

“To adapt an environmentally clean cooking device to the wishes and values of the customer, with the ultimate goal to reduce CO2-emission and deforestation by cooking on woodfire.”

goals







FORTUNE COOKER
THE PRODUCT



FORTUNE COOKER
THE PRODUCT



FORTUNE COOKER
THE PEOPLE



FORTUNE COOKER
THE PRODUCT



FORTUNE COOKER
THE PEOPLE



FORTUNE COOKER
THE MARKET



Design of two prototypes

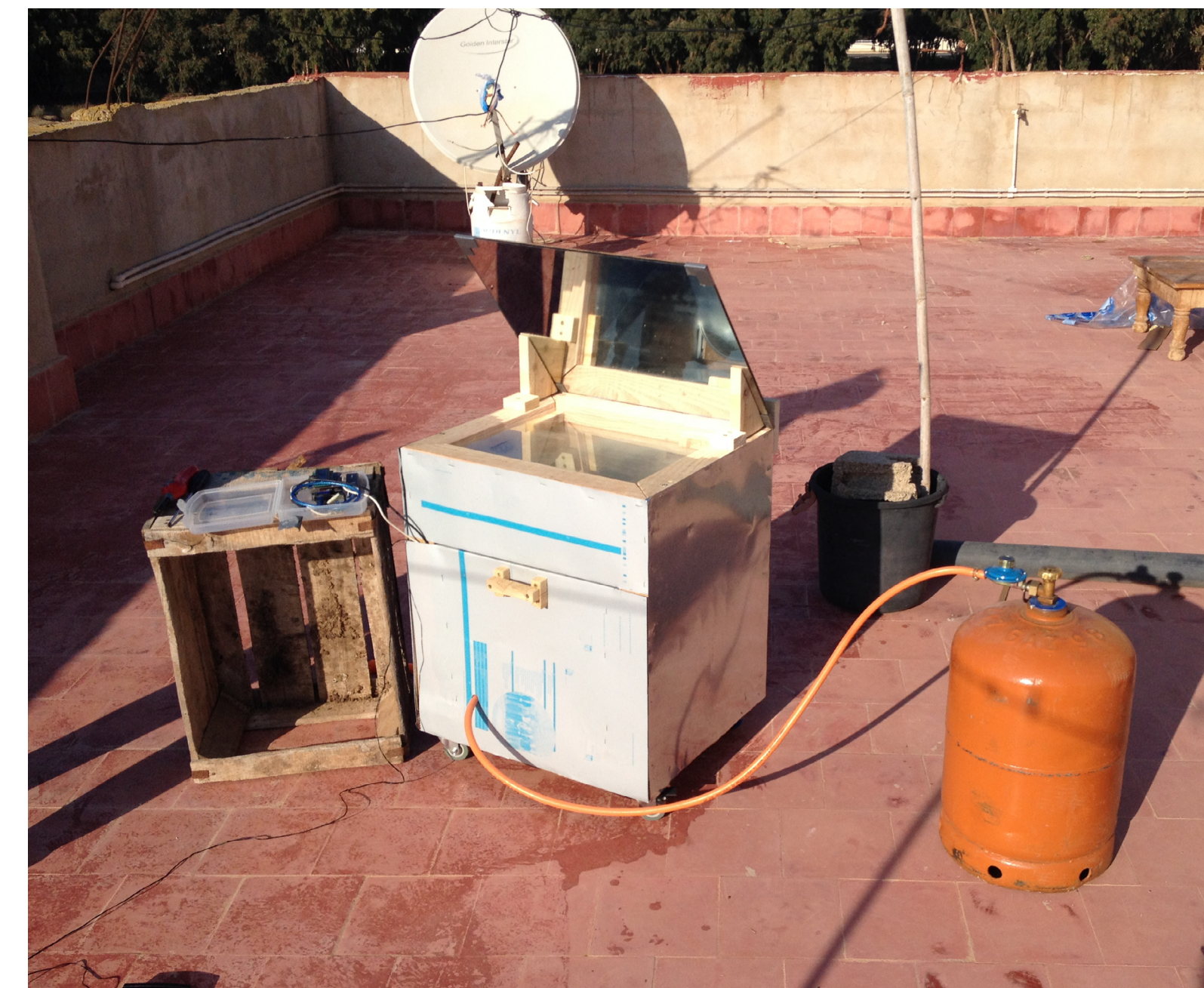
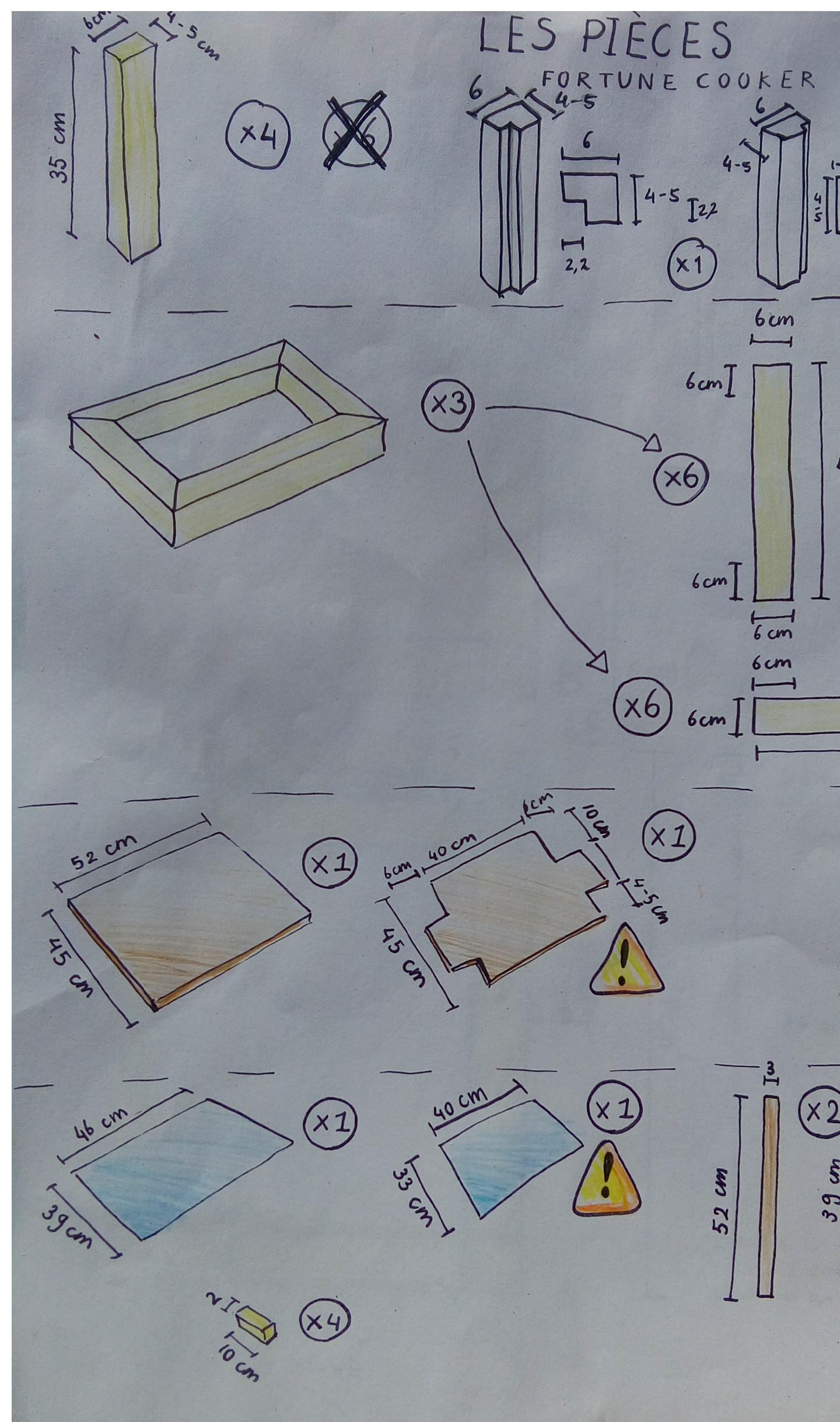
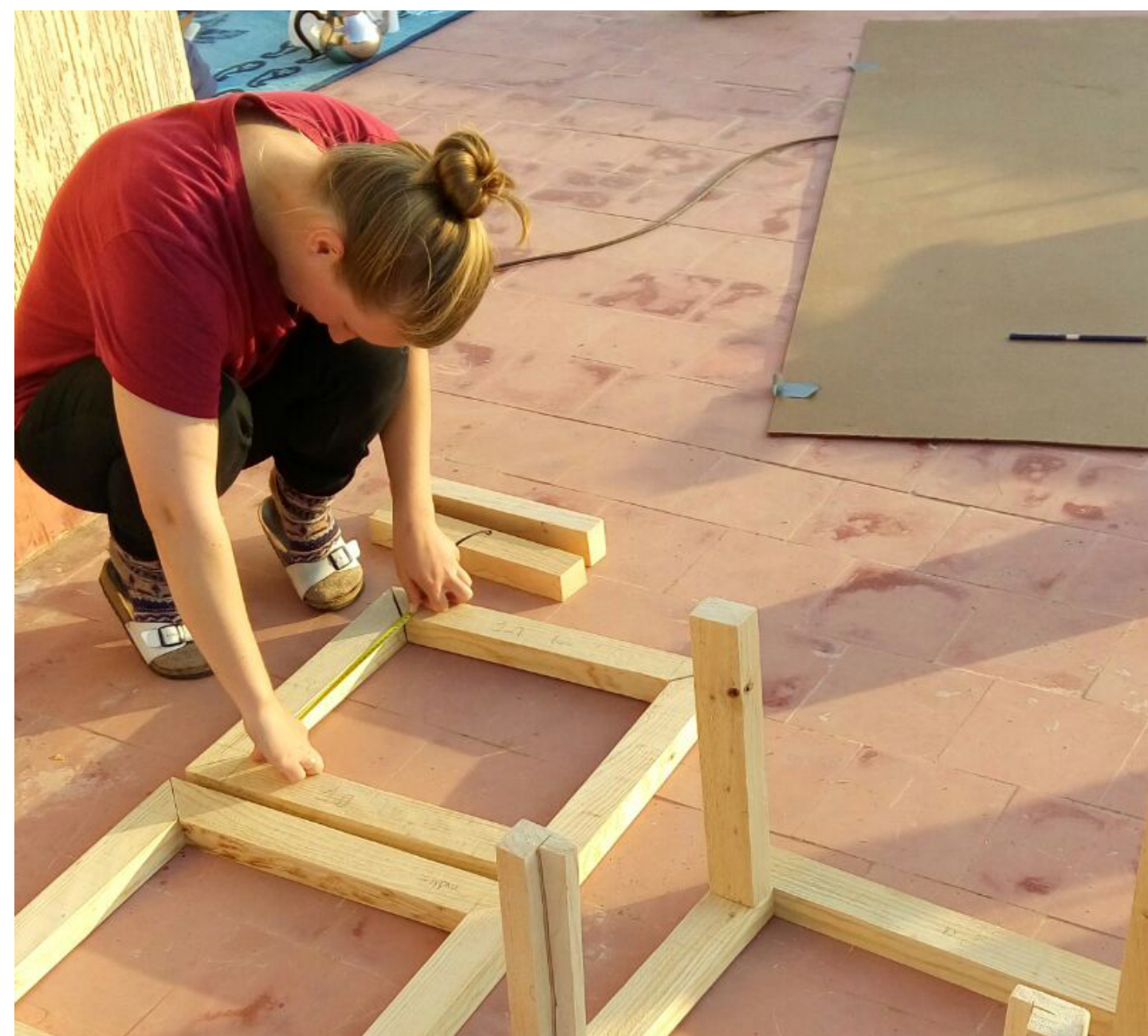
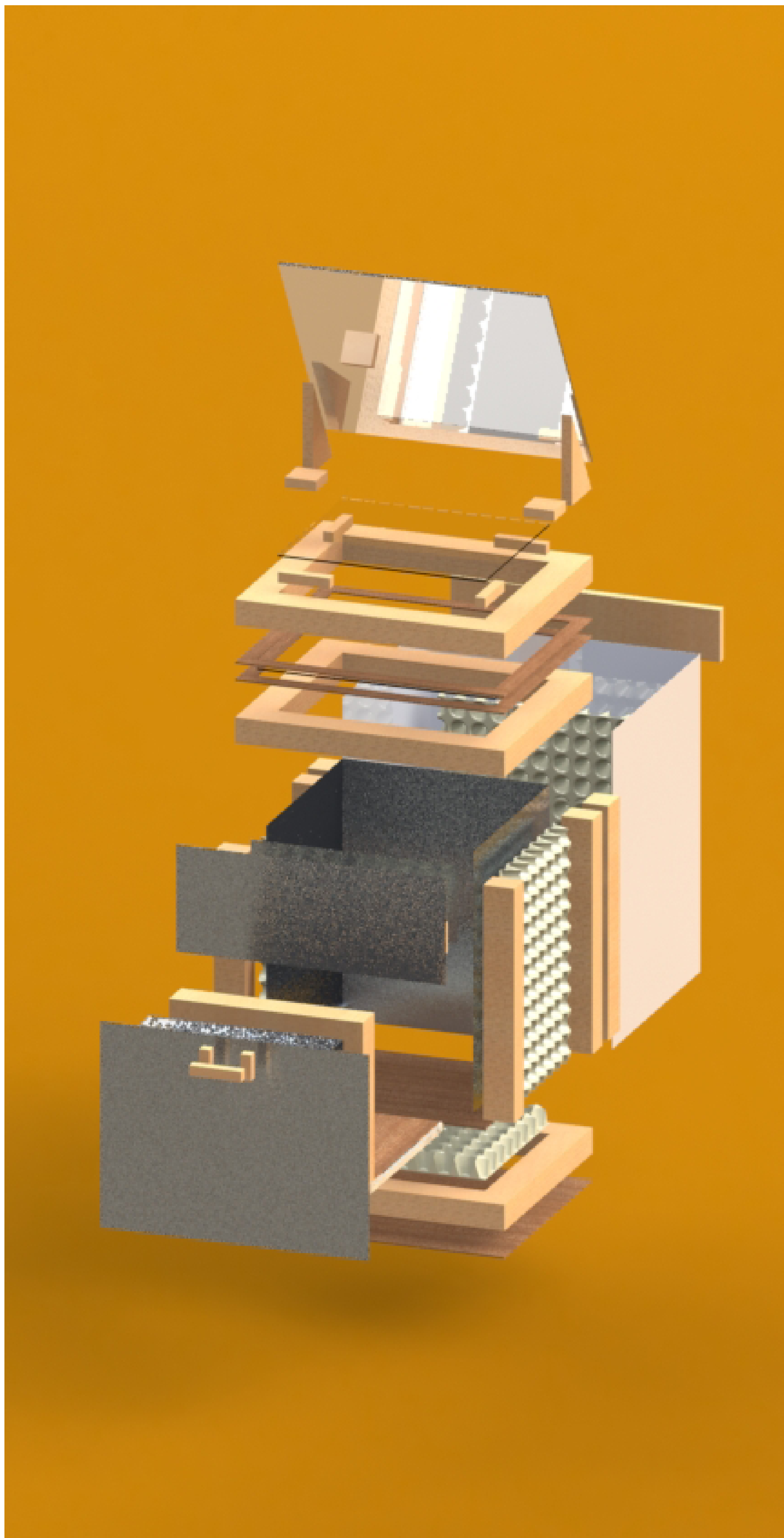
Construction of two prototypes

Testing of both prototypes

Loss of warmth

Collection of solar energy

Cooking ourselves





Field research

About the cooking

About facilities

About openness to the new

Testing with multiple test persons

Cooking real meals

Simple tests: cooking water

Small surveys





Local possibilities for production:

Materials

Tools

Fuel

Purchase power of the user

Definition of the *need* of the user for the product



results

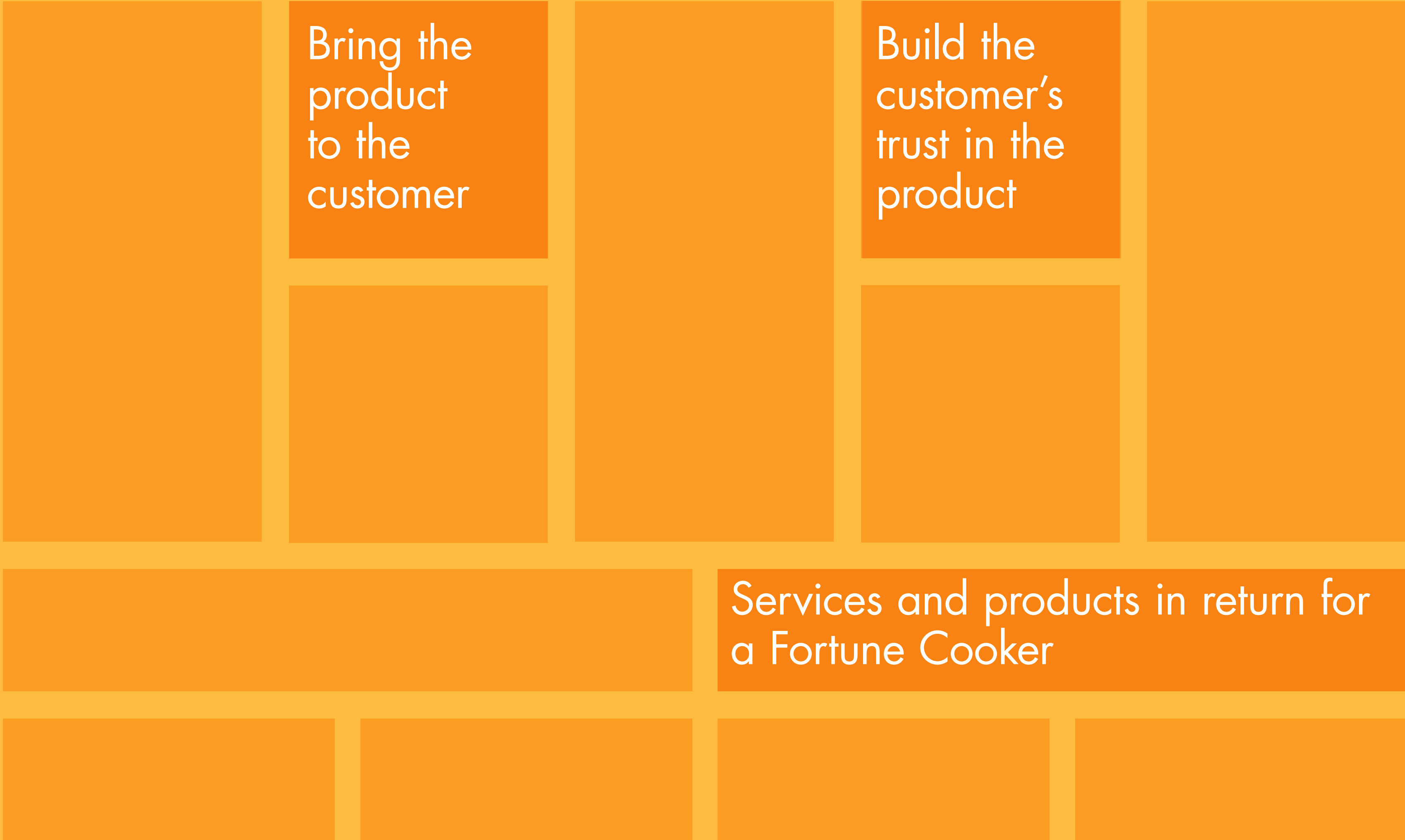


Business Model Canvas



list of requirements

Business Model Canvas



list of requirements

Simple, easy-to-check
requirements:

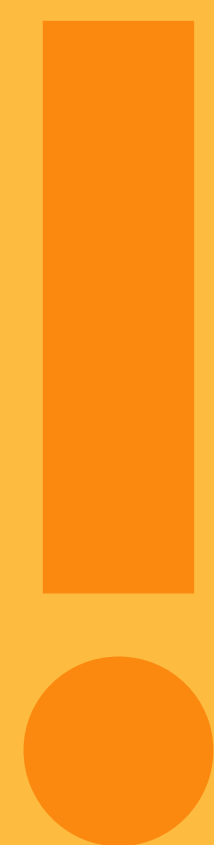


Weight

Size

More complex requirements

Feedback system





Cultural differences

Social obligations

Time-consuming culture

No long-term planning

Role of women

Our experiences

Be flexible

Communicate clearly

Have patience



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