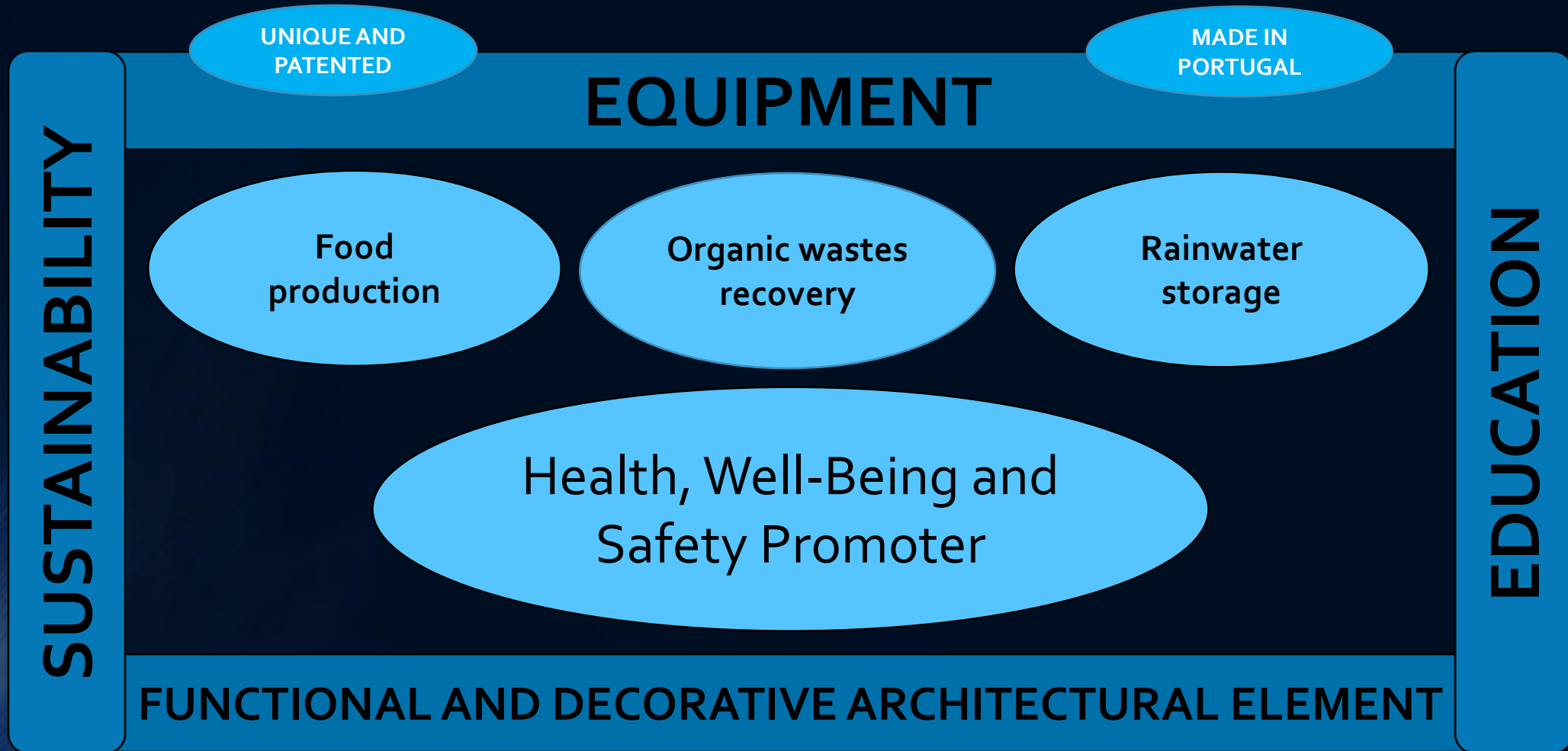
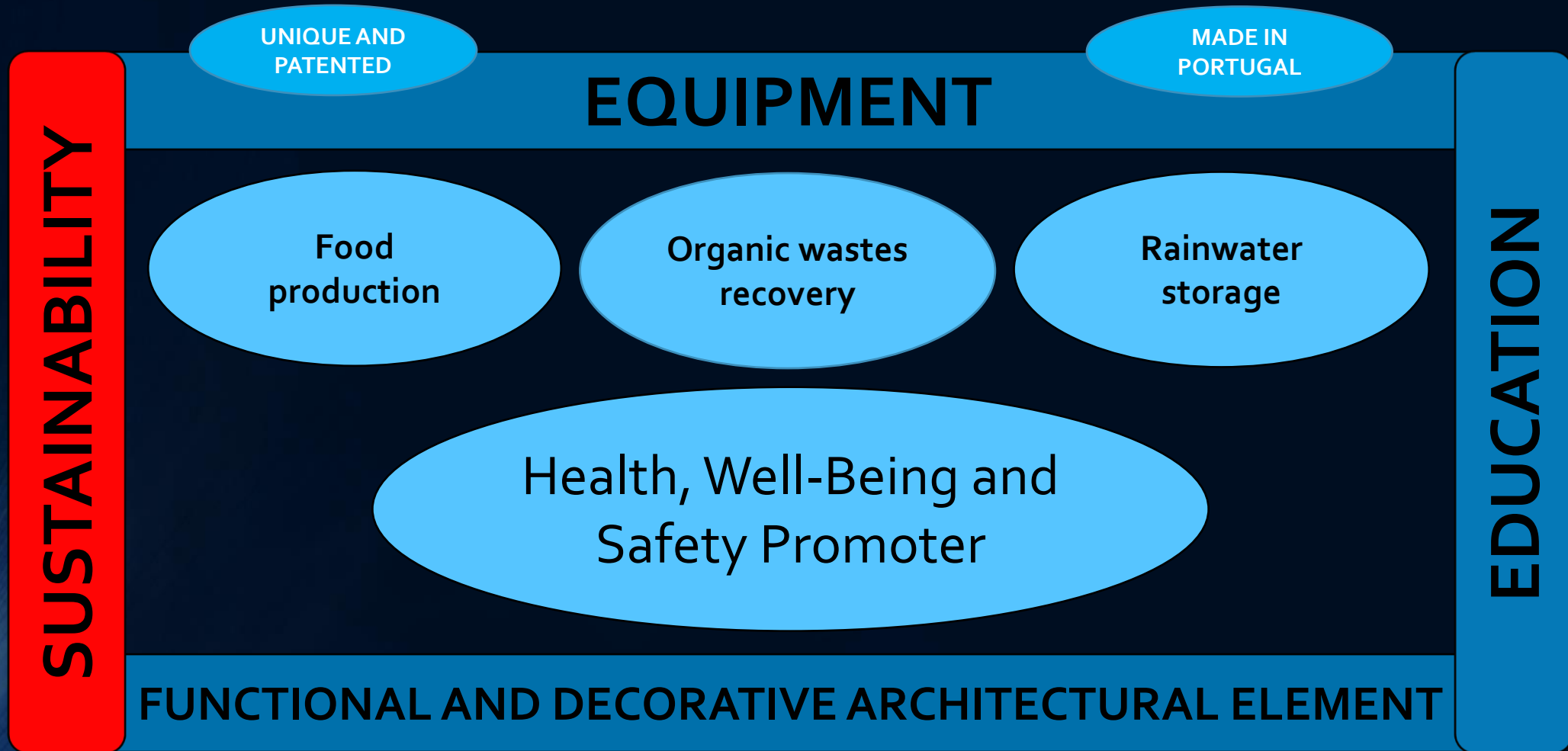




WHAT IS IT?







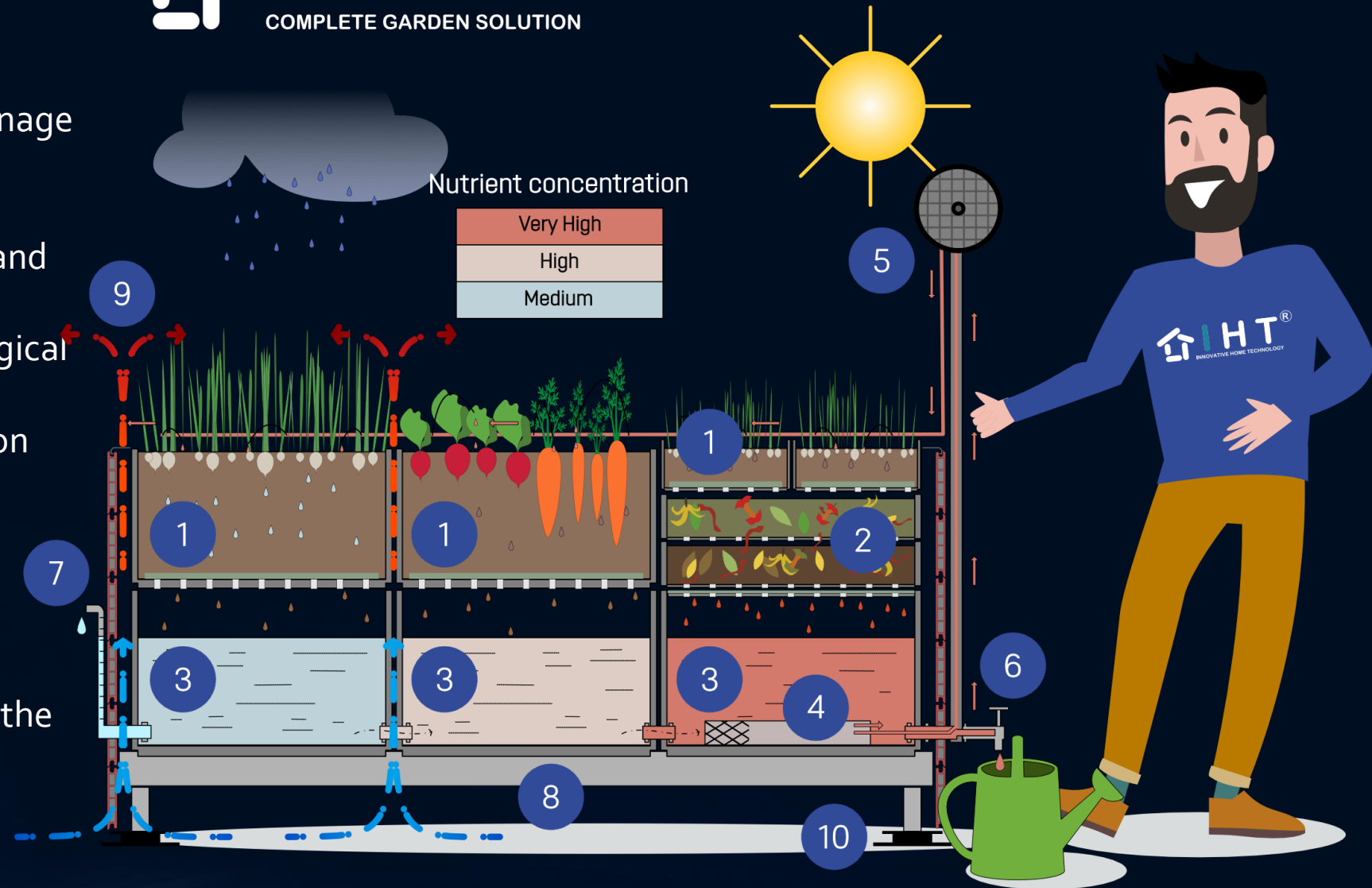
SUSTAINABILITY TOOL

1. Climate change mitigation;
2. Climate change adaptation;
3. Waste management and recovery;
4. Environmental education and awareness-raising;
5. Nature and biodiversity conservation;

HOW DOES IT WORK?



1. Cultivation boxes that allows drainage without loss of substrate;
2. Composting boxes;
3. Water traps that store rainwater and nutrients;
4. Biofilter for mechanical and biological filtration;
5. Automatic solar-powered irrigation kit;
6. Manual watering tap;
7. Flush tube, with level indication;
8. Structure and coating made of premium materials;
9. Convection ventilation that cools the boxes on hotter days;
10. Adjustable feet;



WHAT VALUE DOES IT ADD COMPARED TO EXISTING SOLUTIONS?

It creates the **conditions for decentralising the massification of cultivation, waste recovery and rainwater storage**, in homes, schools, nursing homes, restaurants, companies, everywhere...



Autonomy



Ergonomics



WHICH CONDITIONS?



Aesthetics/Decoration and Durability



Proximity & Utility

What is the importance of **decentralising** the massification of cultivation, waste recovery and rainwater storage?



Powerful Tool for

Reducing the destruction of ecosystems and biodiversity



Reducing gas emissions and regulating the water cycle



TOOL FOR

REDUCING THE DESTRUCTION OF ECOSYSTEMS AND BIODIVERSITY

- It reduces the need for mass production away from consumption, usually associated with the destruction of habitats and ecosystems;
- It reduces the use of packaging;
- It reduces the production/need to dispose of waste;
- It increases biodiversity in urban environments;
- It improves air quality and helps regulate temperature, particularly in large urban centres.



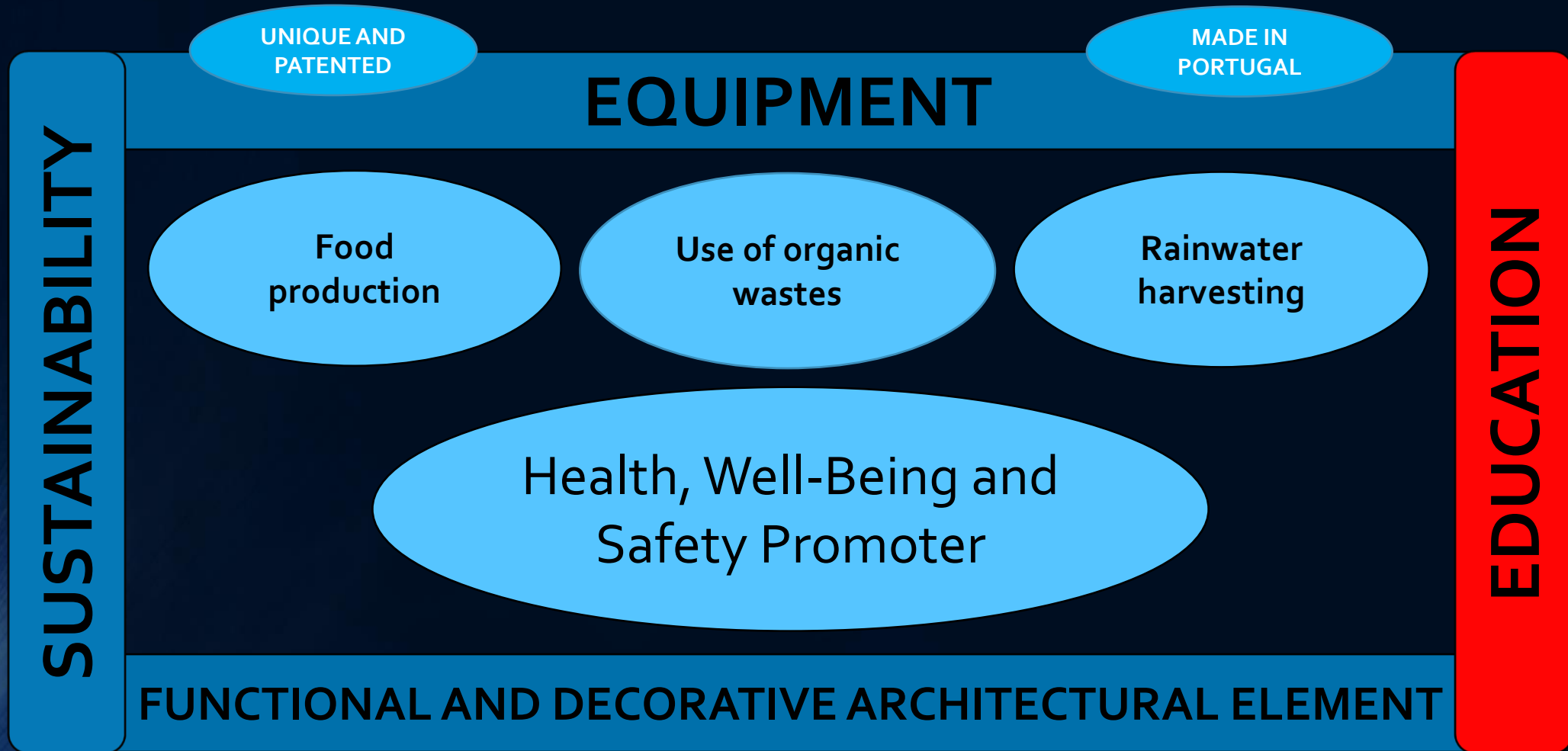
TOOL FOR REDUCING GAS EMISSIONS AND REGULATING THE WATER CYCLE



- It reduces greenhouse gas emissions by eliminating the energy consumption associated with the production, packaging, transport and refrigeration of food;
- It reduces emissions caused by food waste, which is responsible for 8-10% of greenhouse gas emissions;
- It reduces the consumption of drinking water by collecting and storing rainwater and reusing it for irrigation;
- It helps regulate the water cycle as it works like a battery, reducing the amount of rainwater that has to be routed.



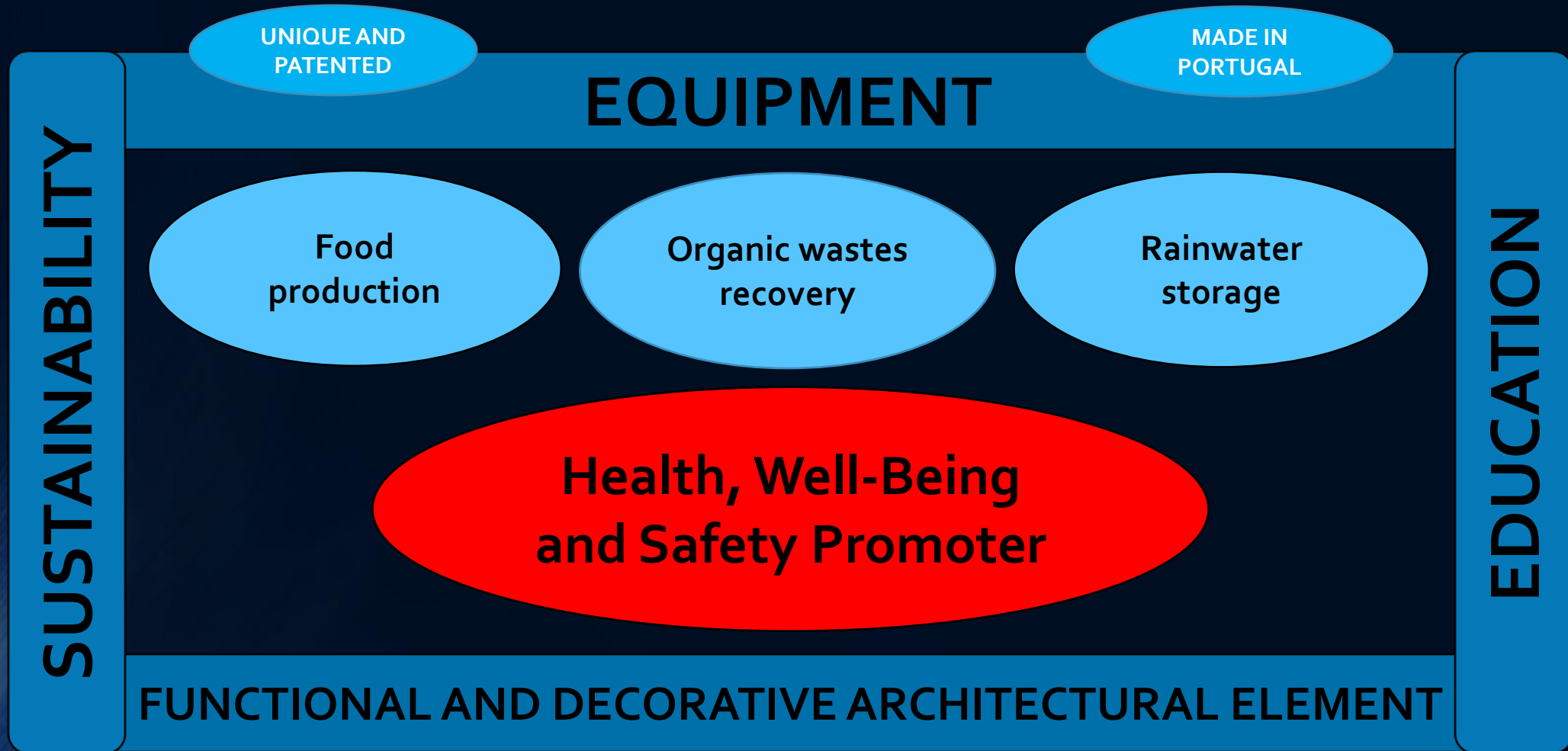
In addition to the issues discussed above and in addition to being recyclable, a CGARDEN® is highly durable, i.e. it is not a disposable product that starts out beautiful and exciting but soon ends up in the trash. Which, in our opinion, is the first and most important condition for sustainability



EDUCATIONAL TOOL



- It helps to educate citizens to be more aware of the world around them and committed to sustainability issues;
- It promotes healthy eating;
- It promotes the development of skills such as problem solving, teamwork skills, planning skills, etc;
- It promotes the acquisition of knowledge about the origin of plants, their relationship with animals and nature in general;
- It teaches the values of work, dedication and patience;
- It promotes motor development and outdoor activities.





PROMOTES HEALTH AND WELL-BEING

– Allows the cultivation of a large quantity and variety of organic, natural and healthy foods, without the use of pesticides or chemical fertilizers. It ensures diversity in the diet and the possibility of harvesting directly to your table, i.e., extremely fresh, from the garden to the table with the highest nutritional value.



– Provides an extremely healthy therapeutic activity of relaxation and relief, connecting us to the cycles of nature, which allows us to disconnect from the rush and virtualised world in which we live.

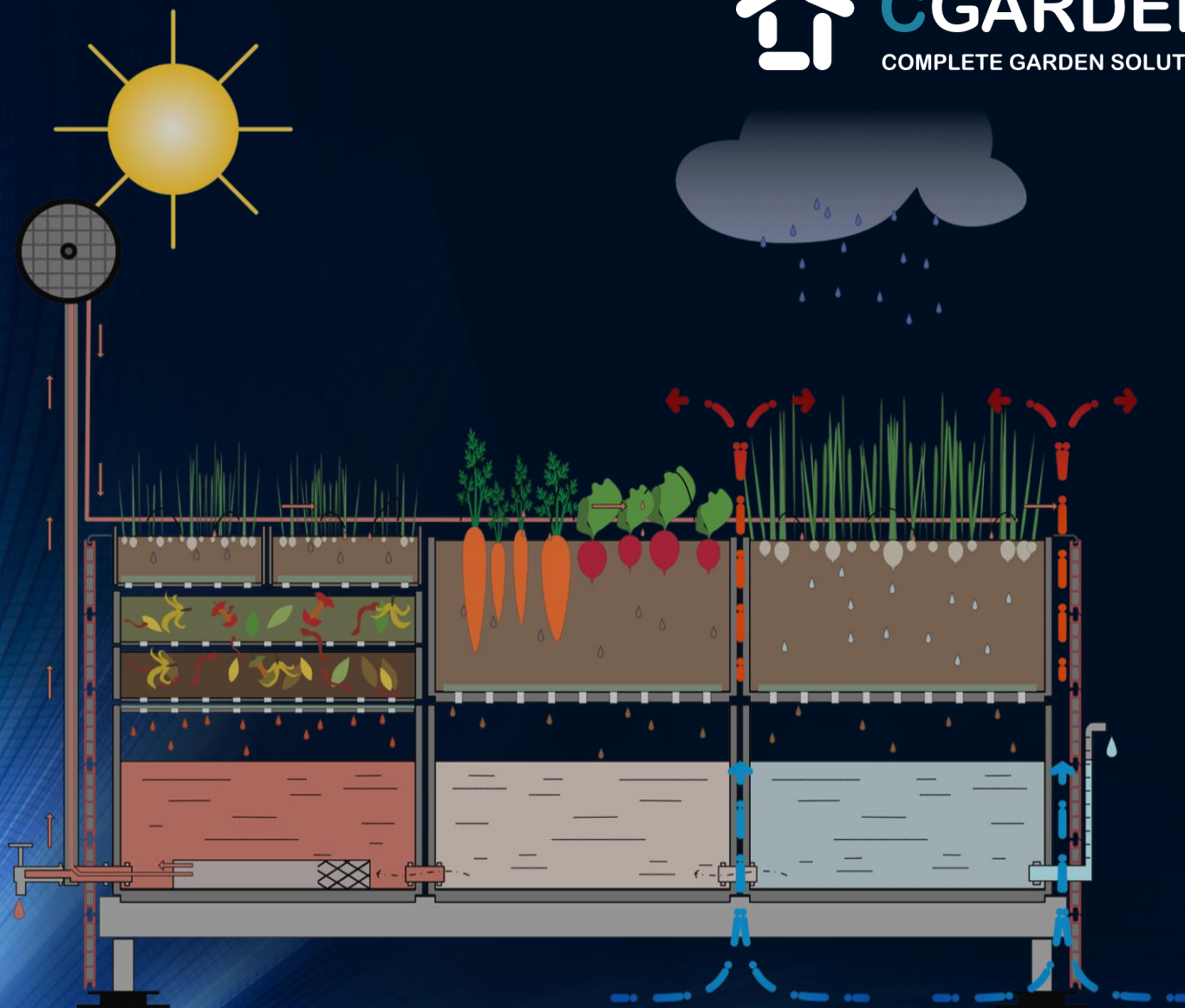




IT CONTRIBUTES TO OUR FOOD SAFETY

It keeps us informed about what we are eating and ensures that, in the event of a food shortage, for whatever reason, we will always be able to meet part of our food needs with complete autonomy.





Let's change the world
one **CGARDEN[®]** at a
time!

www.cgarden.pt/en



THANK YOU.

www.cgarden.pt/en