



ZØR ■

ZØR THERMAL . ZØR MOR . TØR DIGITAL TRANSFORMATION

O QUE FAZEMOS

# Thermal Solutions that drive results

- 
- Logistic Efficiency**
  - Cold chain Intelligence**
  - Zero waste**

# We are ZØR

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**We are ZØR, a worldwide group with over 20 years of experience. We have consultancy services to identify and solve the challenges of our partners / customers. We develop and test technological solutions that guarantee the thermal chain of thermosensitive products and more during transport, handling and storage operations, even in extreme situations.**

We are strong allies of companies that need to not only control the temperature of their products, but also take care of all the logistics, data collection, environmental concerns, resource management and profitability of resources.

# Our team

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**The ZØR team is a multidisciplinary group, dedicated and motivated to face new challenges. We use our knowledge, structure and network to find the best solutions for our partners.**

The ZØR group operates, through its scientific and technical expertise, in the sectors of the Thermal Chain (ZØR Thermal), data management (TØR Technologies) and much more (ZØR Mor).

## ■ R&amp;D

**ENGINEERING AND DESIGN**

- Prototyping, 3D modeling and virtual images
- Consulting on product design and production capabilities
- Consulting on Cold Chain Management
- Customization of solutions, systems and packaging
- Innovation focused on new materials and technologies
- Sustainability and social responsibility

## ■ FABLAB

**LABORATORY**

- Solutions, systems and routes qualification
- Cold Chain tests inside (lab) and outside (field)
- Thermal chamber with capabilities from -18°C to 50°C
- Virtual tests of thermal performance in SmartCAE

# ZØR FabLab

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**We are a research and development laboratory dedicated to the analysis and testing of the different aspects and components of Thermal solutions. Our purpose is to present to ZØR customers the quality control checks of the technological solutions that are commercialized, as well as to have internal scientific and technical knowledge for production and assembly of all the constituent elements of the solutions/products. We do research, tests, prototypes, production and assembly. We deliver the whole solution ready to use.**

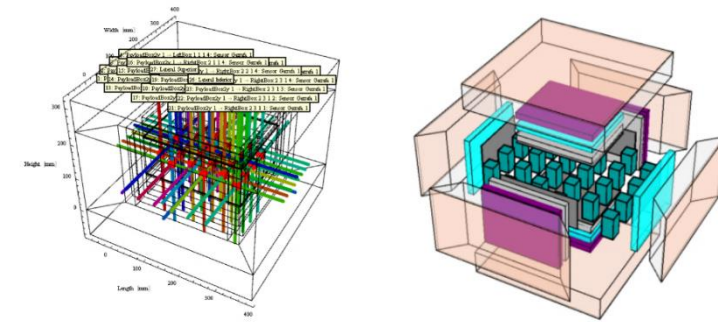
The FabLab is made up of a multidisciplinary team focused on Thermal Power Technologies and more. It has in its constitution elements of different areas: Biotechnology, Food, Biomedical, Engineering and Thermal chain. The professional experience is reconciled to the young and creative mentality, allowing the interpretation of the proposed challenges to be analyzed from different perspectives, arriving at an innovative and versatile final solution.

ZØR FabLab ◦

Innovation  
Center

ZØR FabLab

We use simulation and forecasting software to analyze the thermal behavior of passive systems

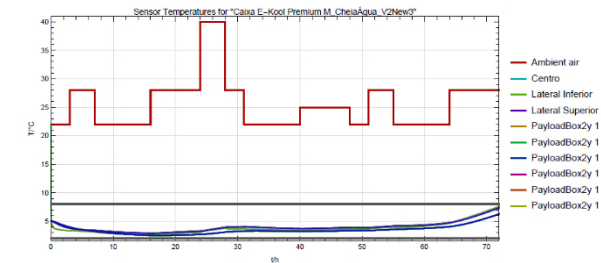


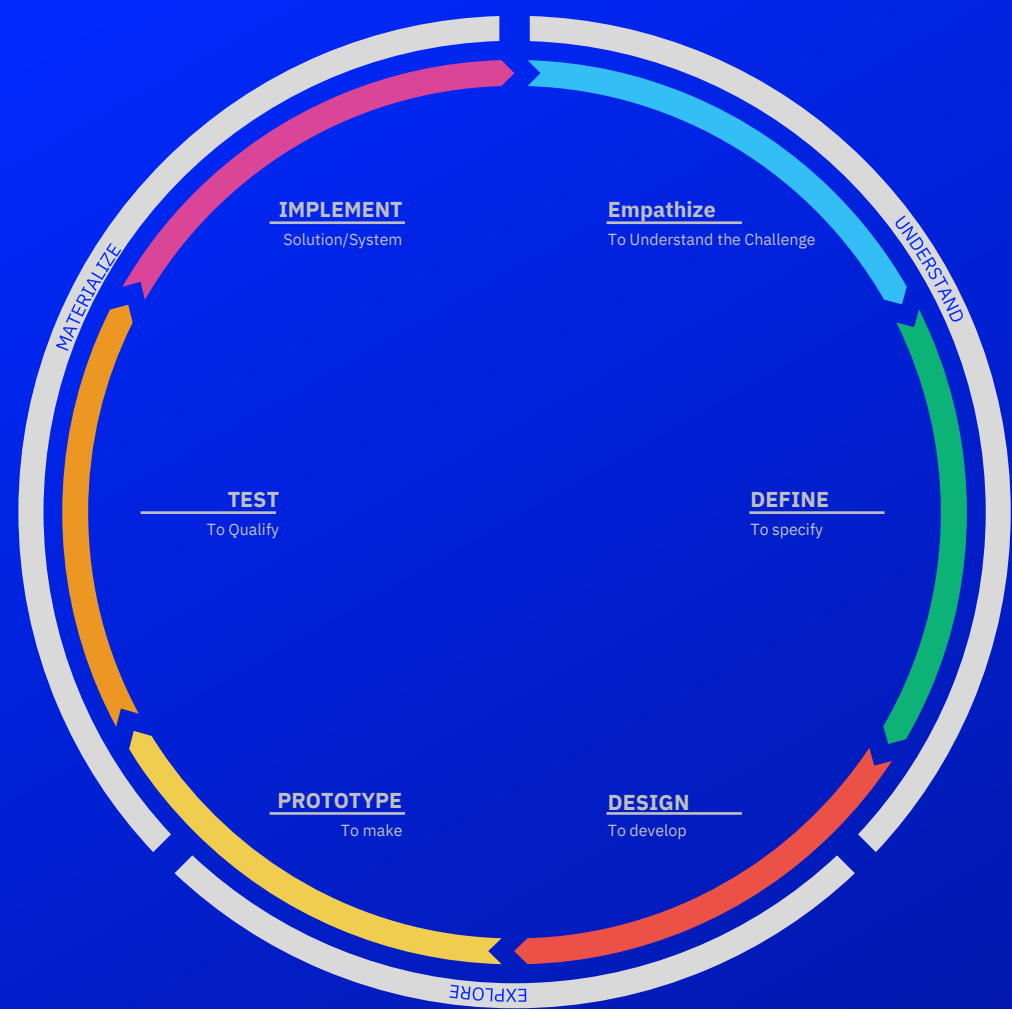
**Resource savings**

**Possibility of obtaining results more quickly and efficiently**

**Ability to adapt the characteristics of the passive system in order to verify its influence**

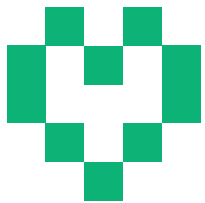
**Prediction of the thermal behavior of the passive system with different thermal profiles**





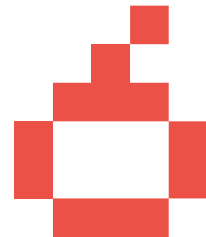
# Our work methodology

**Design Thinking**  
**Creative Business**



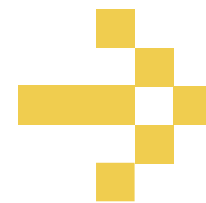
## HEALTH & PHARMA

- THERMAL BLANKETS
- SINGLE USE SOLUTIONS
- PHARMA BAGS
- MONITORING
- EUTECTIC PLATES



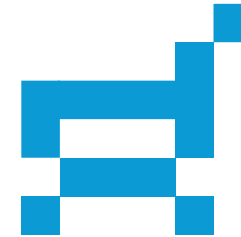
## FOOD

- THERMAL BLANKETS
- SHIPPERS
- CONTAINERS
- DELIVERY
- MONITORING
- EUTECTIC PLATES



## EXPORT

- PALLET BOXES
- THERMAL BLANKETS
- REUSABLE SOLUTIONS
- SINGLE USE SOLUTIONS
- MONITORING
- EUTECTIC PLATES



## E-COMMERCE

- E-KITS
- REUSABLE SOLUTIONS
- SINGLE USE SOLUTIONS
- MONITORING
- EUTECTIC PLATES



# Health & Pharma

## CONNECTED THERMAL EFFICIENCY



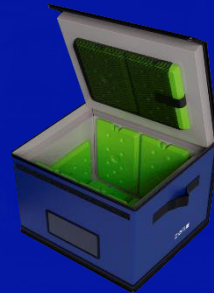
**SNY - SOLUTION**

REUSABLE – MEDIUM MILE



**ADBIO**

RIGID BOX – REUSABLE SYSTEM



**SMART BAG PCM**

REUSABLE BAG – LONG MILE



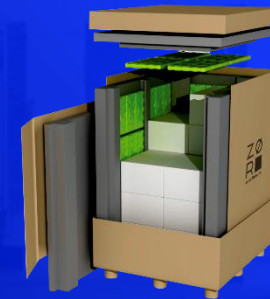
**SMART BOX**

VIP SOLUTIONS



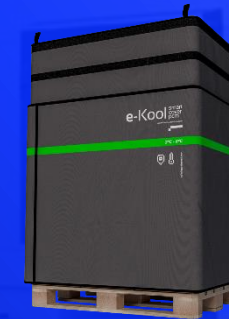
**E-KOOL BIG SHIPPERS**

SINGLE USE PALLET FOR LONG MILE



**PALLET SHIPPER**

NX SOLUTIONS - BASIC



**SMART COVER PCM**

REUSABLE MULTI-HEIGHT BLANKET



**AS REFLEX TH**

ALUMINUM BLANKETS

# Food

## CONNECTED THERMAL EFFICIENCY



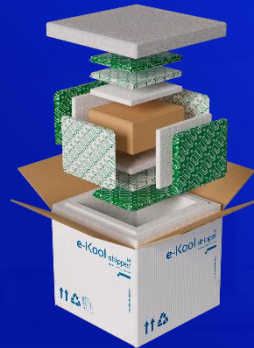
**SHOPPER**  
BASIC REUSABLE BAG



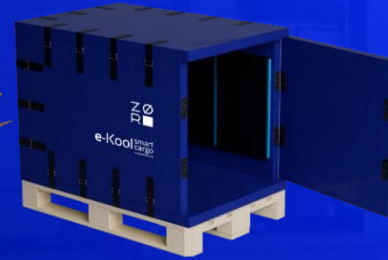
**FRESH BAG**  
FLEXIBLE BAG – MEDIUM MILE



**A DELIVERY**  
HARD EPP BOX – LONG MILE



**E-KOOL SHIPPERS**  
SINGLE USE BOX FOR LONG MILE



**SMART CARGO**  
RIGID PALLET – MEDIUM MILE



**COLD PALLET**  
THERMAL EFFICIENCY SOLUTION



**SMART COVER**  
REUSABLE MULTI-HEIGHT BLANKET



**AS REFLEX TH**  
ALUMINUM BLANKETS

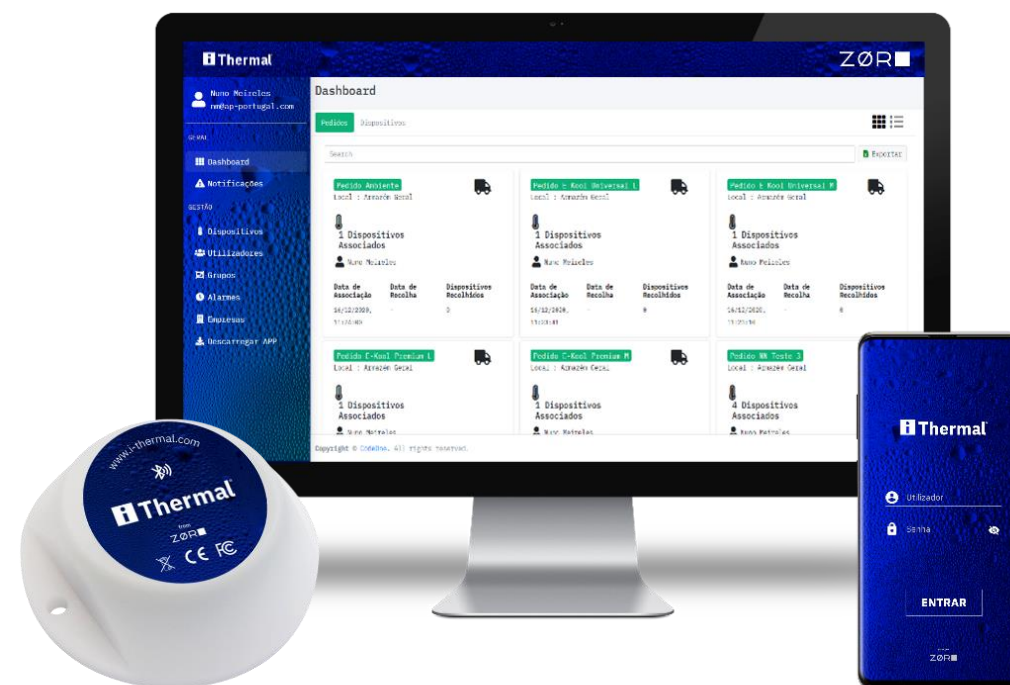
# ZØR DIGITAL ECOSYSTEM

Interactive platform with cloud

**ZØR DIGITAL ECOSYSTEM is an interactive platform with a cloud integrated into the existing infrastructure (TMS, WMS, ERP) designed to work with all the applications of our logistics partners. This platform is the result of ZØR's partnership with a technology partner.**

ZØR DIGITAL ECOSYSTEM allows the management, prevention and analysis of each logistical event regardless of transport.

**i Thermal**



WE ARE ZØR

WE ARE ZØR MOR

ZØR  
MOR



⊕ MORE THAN THERMAL BY ZØR

# MORE THAN THERMAL

BY ZØR

## Prevent ■

The growing need to prevent and control the quality of the air and the surfaces with which we are in daily contact, challenges us to investigate, develop and commercialize the most advanced solutions capable of providing an effective and safe response.

## Safety ■

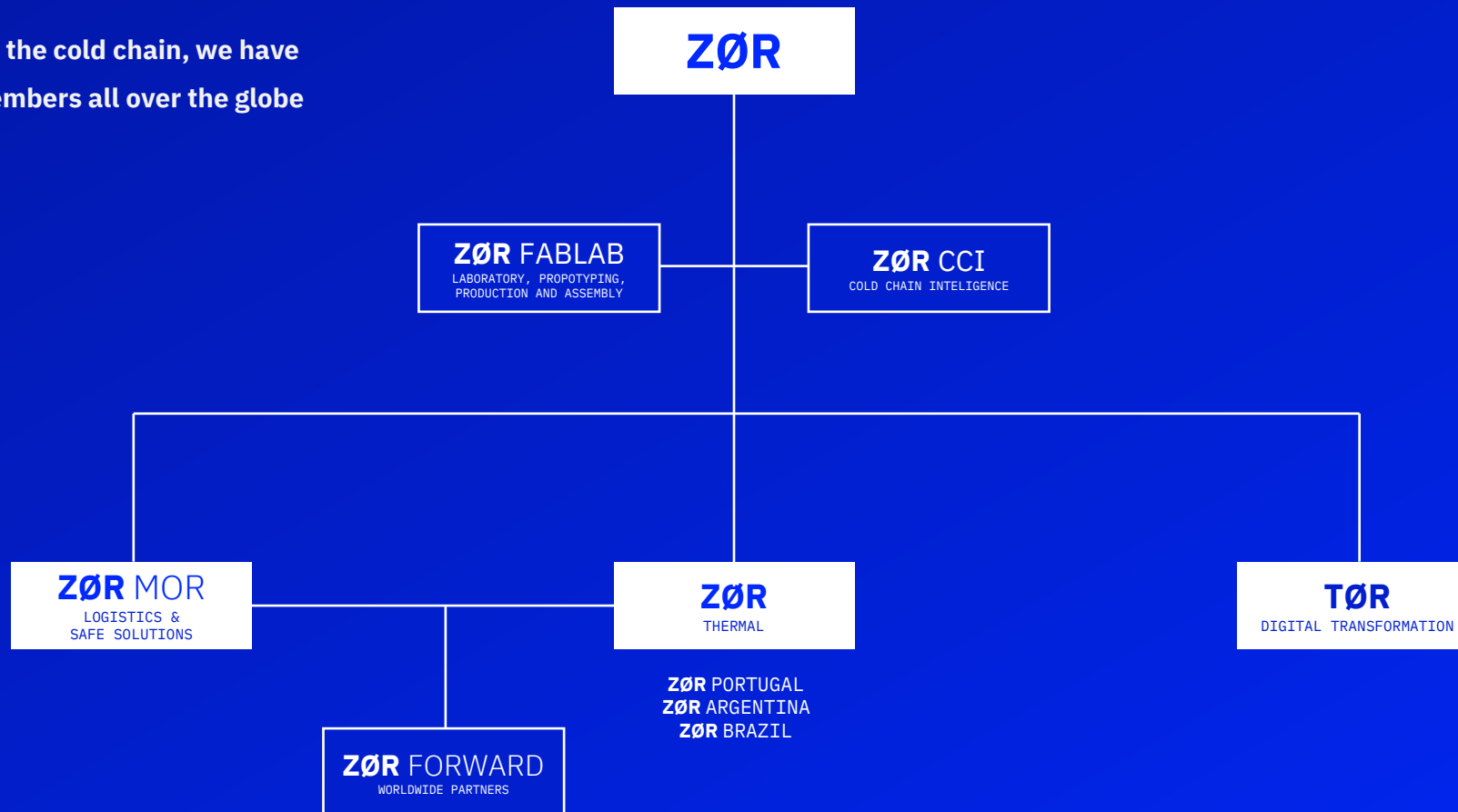
We guarantee a trackable, safe and sustainable supply. Our solutions allow a new economy of scale in transport, enabling export situations that would not otherwise be viable.

## Wellness ■

We support organizations to care for and develop the well-being of their employees through initiatives that mark their personal and professional path.

# Our Network

With a primary focus on the cold chain, we have customers and team members all over the globe





OFFICE

**3210, Engenheiro Frederico Ulrich st.  
2º floor, room 214  
4470-605 | Maia, Portugal**

SHOWROOM

**3196, Engenheiro Frederico Ulrich st.  
4470-605 | Maia, Portugal**

WAREHOUSE

**70, Hernâni Pereira Maia st. - Warehouse 48  
4470-078 | Maia, Portugal**

ZØR STATION S S

**52E, Guerra Junqueiro st.  
2135-131 | Samora Correia, Santarém**

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