

# ECOWEEK ... habits change ... climate change 92Y 7 DAYS OF GENIUS

STARTS MAR 5 | #THATSGENIUS

Chimar Hellas S.A.

BINDING INNOVATION

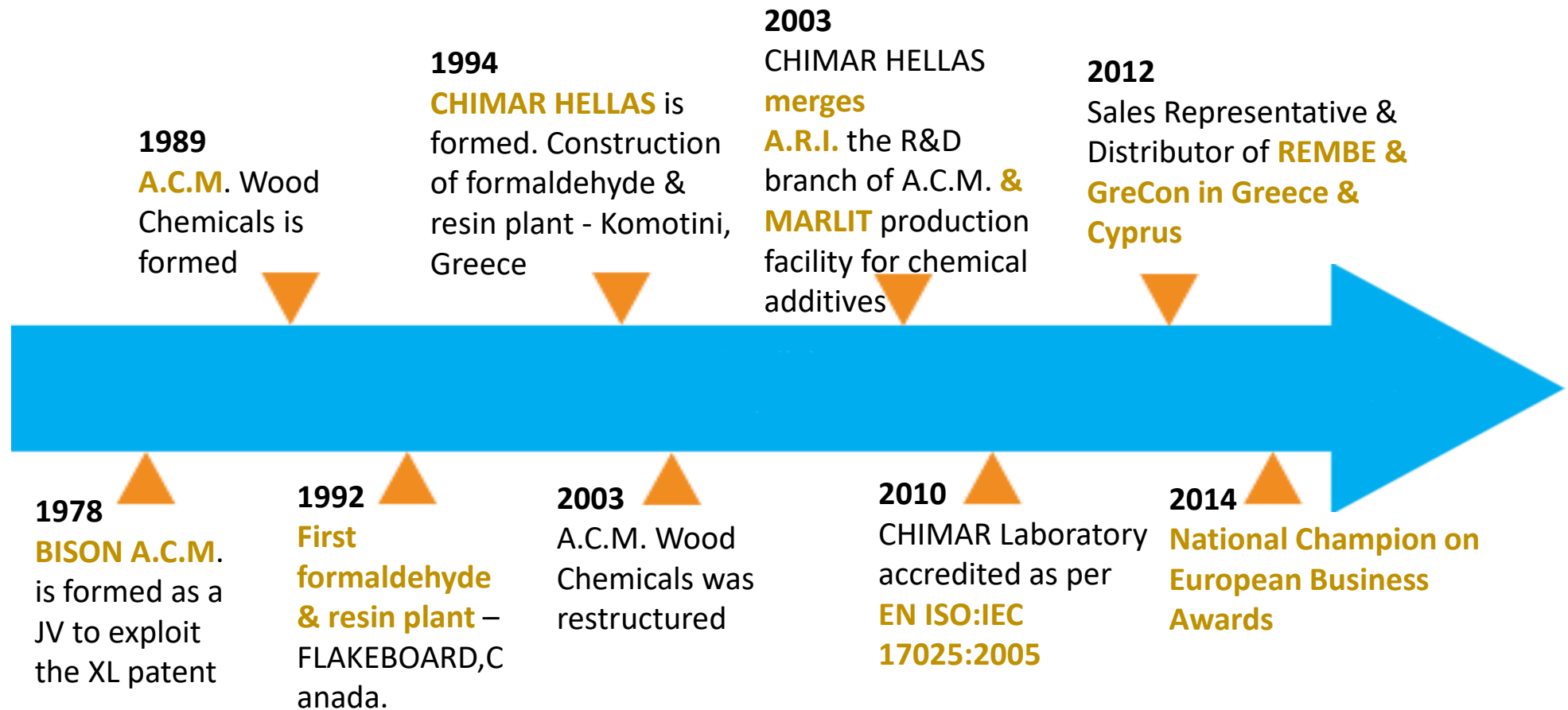


**Smart Eco-solutions for innovative applications**

*Technopolis Business Park, THESSALONIKI March 7, 2016*

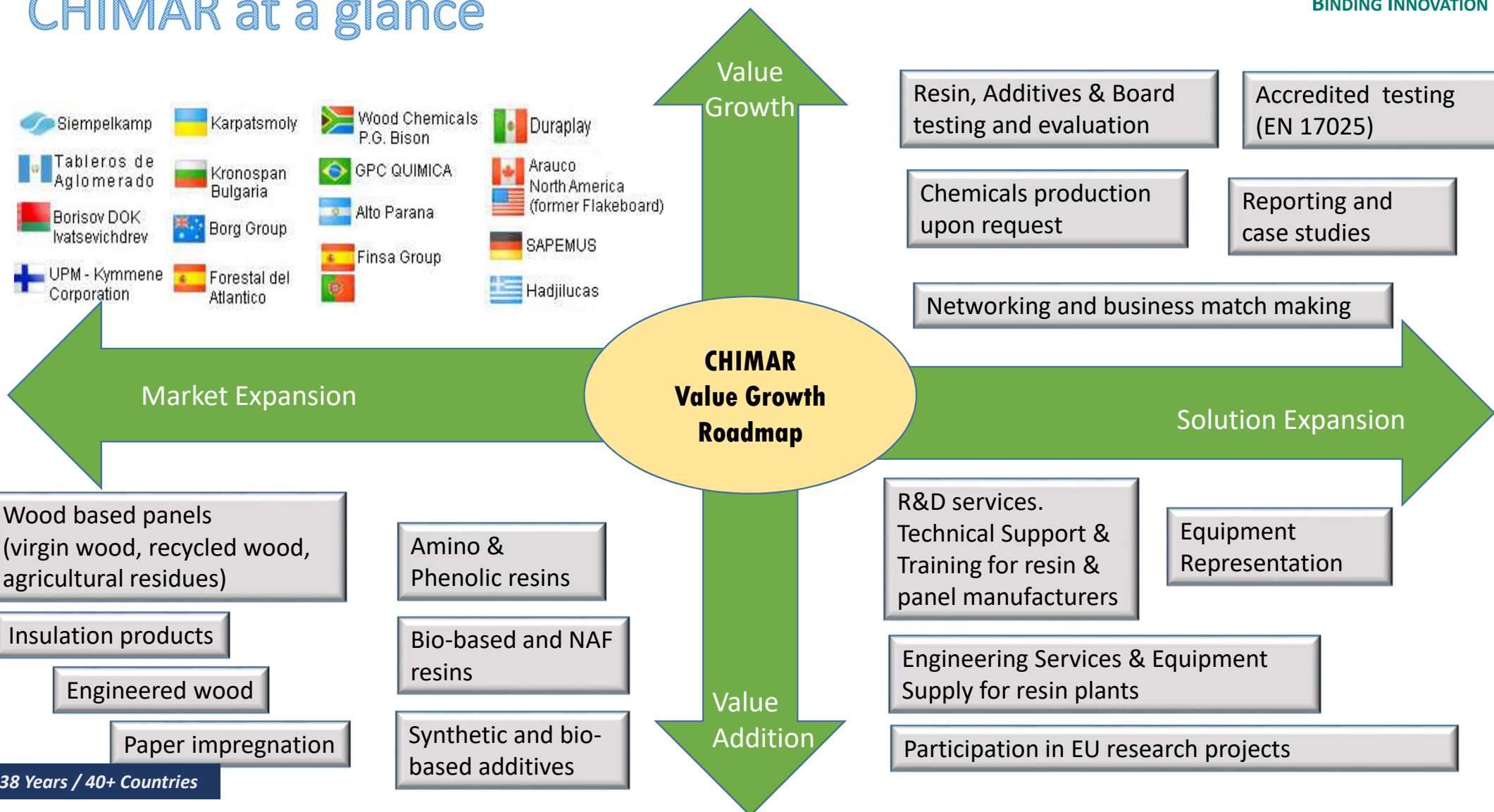


# CHIMAR milestones



# CHIMAR at a glance

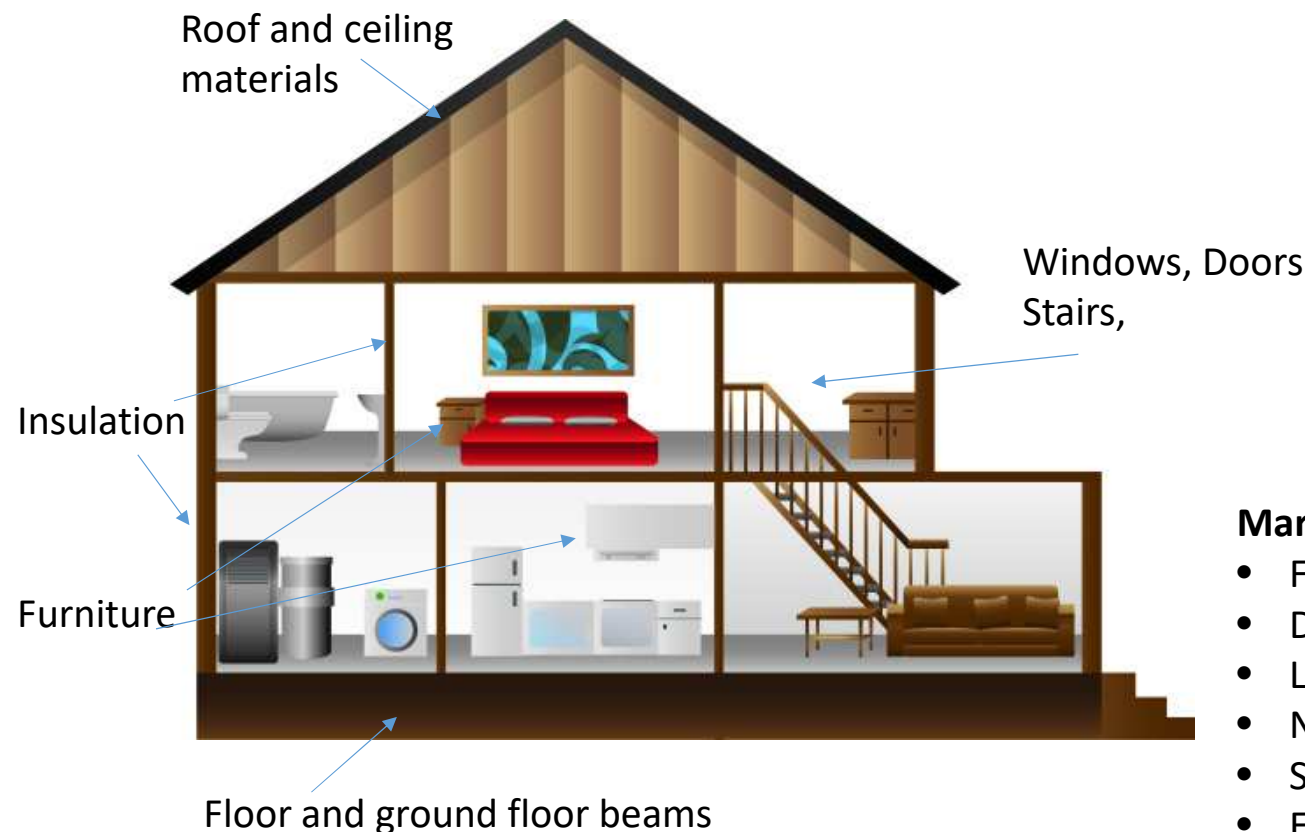
Chimar Hellas S.A.  
BINDING INNOVATION



## CHIMAR in figures

- Over 39 YEARS expertise in 40+ countries
- Know-how applied in 100+ industrial sites
- Over 1 MT resin per year is produced under CHIMAR technology
- Over 10% of global wood panel production uses our services
- Participation in 50+ EU & National funded projects & networks
- Strong team of 27 highly motivated experts

# Wood-based panels: common applications & market trends



Building construction and furniture industries hold significant percentages of the global consumption of wood-based panels

According to the Pöyry market research institute's prognosis, the **demand for wood-based panels in Europe** is likely to see an average growth of **3% every year until 2020**

## Market trends\*:

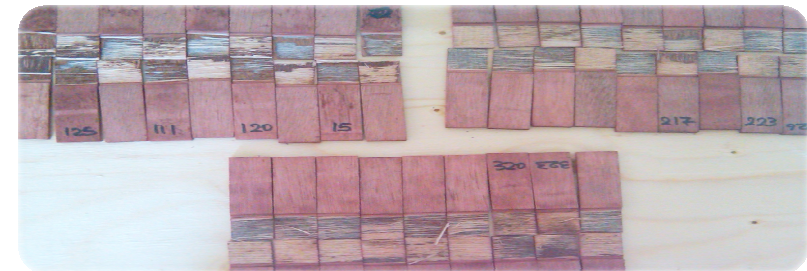
- Formaldehyde-Free wood-based panels
- Decorative surfaces with new properties
- Lightweight panels
- Non-toxic resins
- Speed and low cost production
- Efficient manufacturing and automation

*\*<http://www.hbfuller.com/north-america/innovation-and-experience/blog/Interesting-trends-in-the-woodworking-industry.html#.Vtg65vmLTIU>*

# CHIMAR Smart Eco-Solutions

## Formaldehyde-Free wood-based panels:

Development of eco-friendly, low toxicity adhesives from natural raw materials (lignin, tannin, proteins, starch, pyrolysis liquid, etc) meeting industrial specifications.





# CHIMAR Smart Eco-Solutions

Panels with non-conventional materials (Standard & Lightweight)



wood

Scots  
Pine

Forestry  
residues

Salix

Reed  
Canary  
Grass

Corn cob

Sunflower  
shells

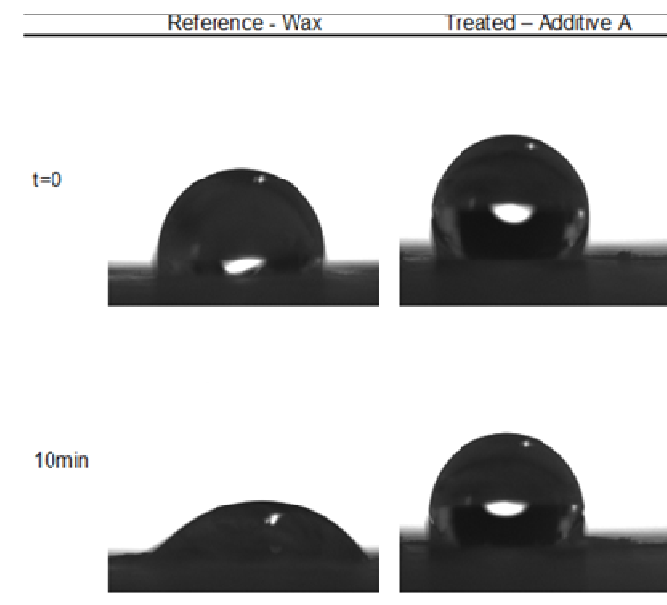
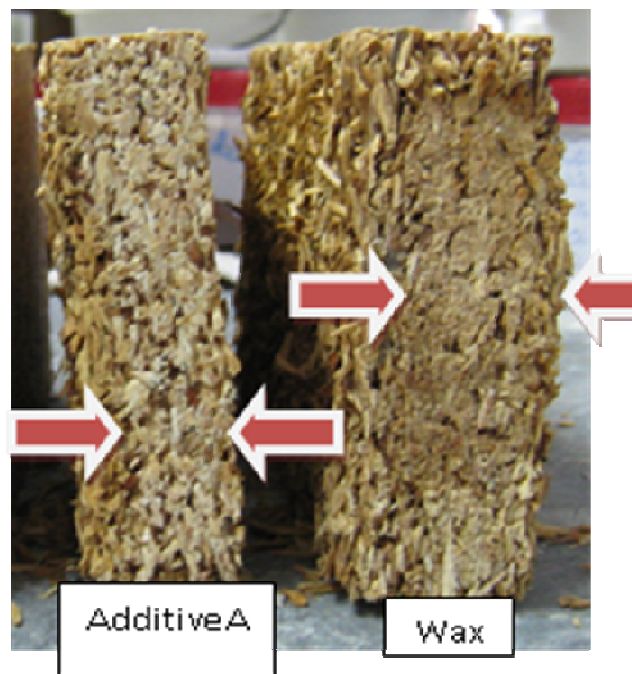


Kenaf panels

Hemp panels

# CHIMAR Smart Eco-Solutions

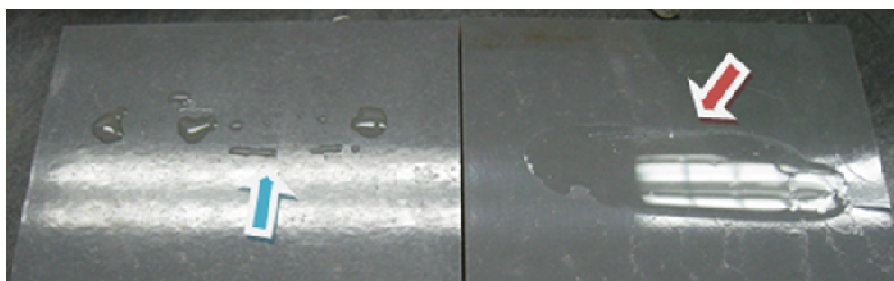
## Particleboards with improved properties-use of nanomaterials





## CHIMAR Smart Eco-Solutions

**Surfaces with new properties: hydrophobic and oleophobic anti-finger print performance to papers impregnated with resin – use of nanomaterials**



Photos of the treated surface (left)  
and untreated surface (right).



Photos of untreated surface (left)  
and treated surface (right).

## CHIMAR goal

- Provide environmentally-friendly, sustainable and socially responsible solutions.
- Deliver smart technology and innovative products to the industry.
- Be the number one partner of choice.

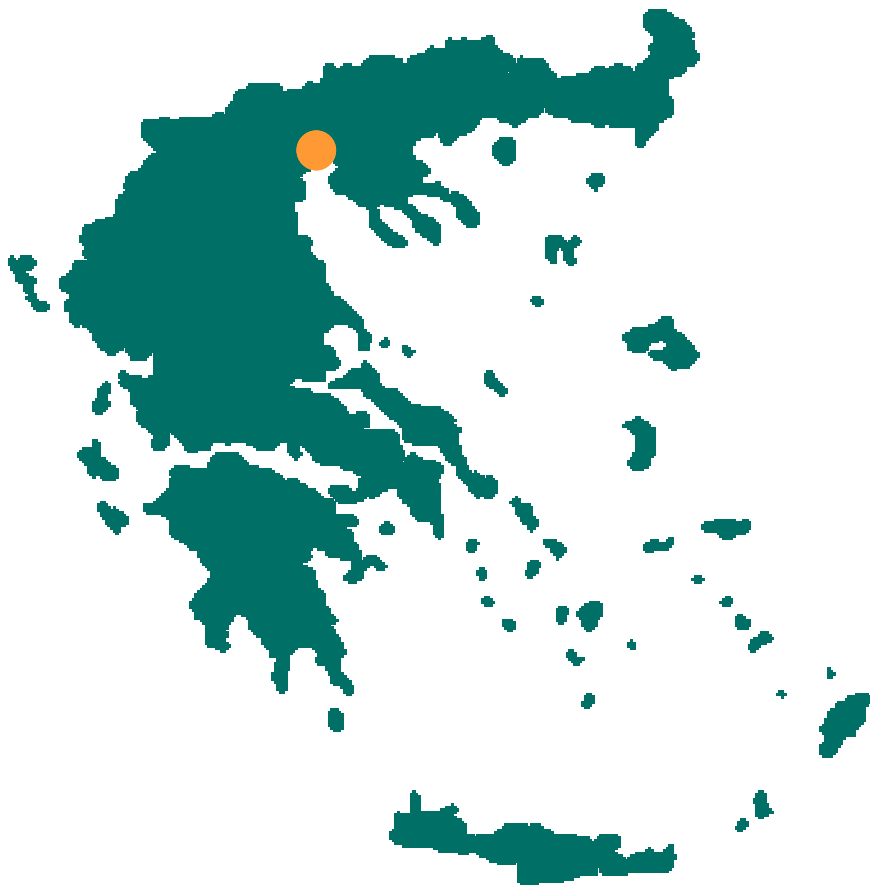


EN ISO/IEC 17025 ACCREDITED CHIMAR lab



TSD team

## Location & Contact Details



**Chimar Hellas S.A.**  
BINDING INNOVATION



**Electra Papadopoulou**

88 Sofouli st., 55131 Thessaloniki, GREECE

Tel: +30 2310 424167

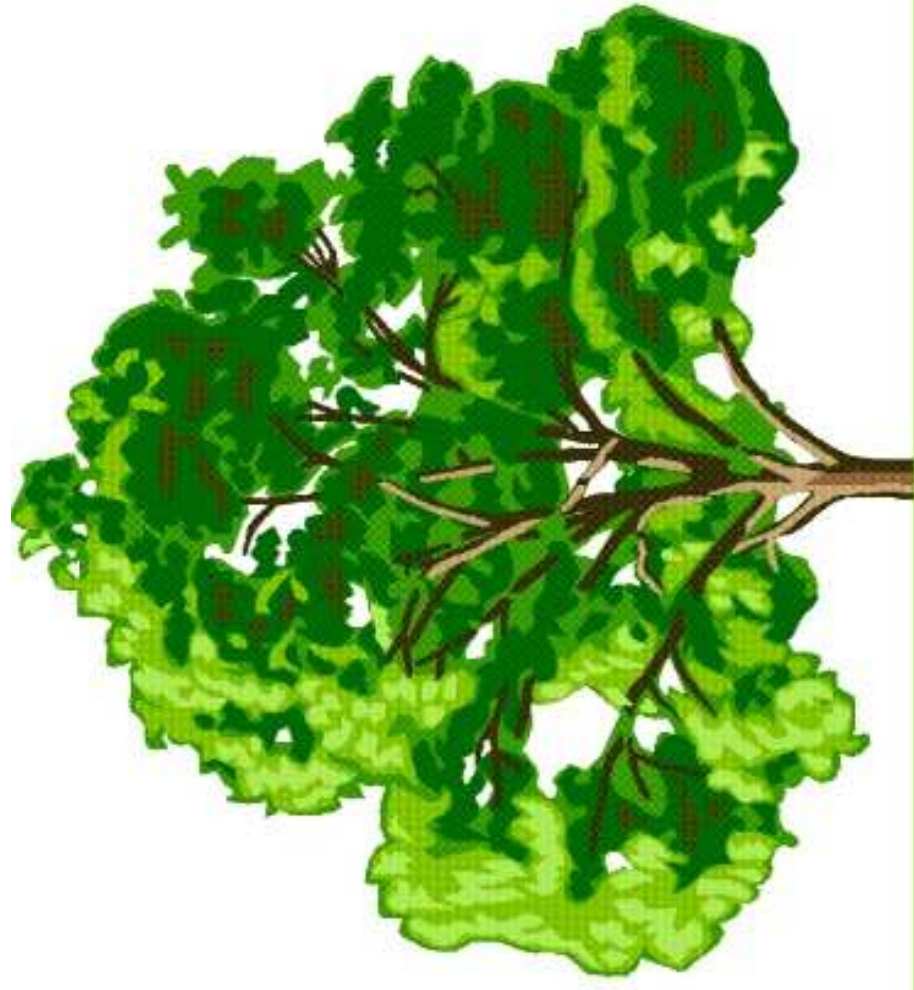
Fax: +30 2310 424149

e-mail: [papadopoulou@ari.gr](mailto:papadopoulou@ari.gr);

[office@ari.gr](mailto:office@ari.gr)

[info@ari.gr](mailto:info@ari.gr)

[www.chimarhellas.com](http://www.chimarhellas.com)



Thank you for your attention!