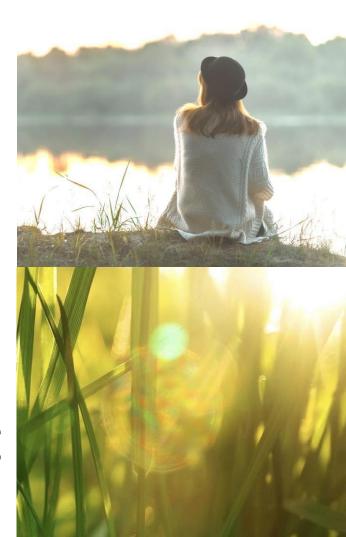




Are we part of the problem?

or...

are we part of the solution?



### **NOISE POLLUTION**

In 2011 the World Health Organization (WHO) released a report titled 'Burden of Disease from environmental noise'.

The authors concluded that 'there is overwhelming evidence that exposure to environmental noise has adverse effects on the health of the population' and ranked traffic noise second among environmental threats to public health.





# About:

Tafortech was born to develop engineering solutions and technologies surrounding the acoustic sector.

As a newborn sector, people behind companies like Tafortech are the ones innovating and developing new technologies in order to comply with the new regulations.

Governments around the world are implementing these new regulations in order to decrease the noise pollution which is becoming more and more concerning.

We are compromised with a sustainable world giving sustainable solutions

- + 20 years of experience in the sector
  - One of a kind & Leader in the sector
- Certified Professionals
- 1st Elliptic Sound Barrier in the world
- Young Entrepreneur Award for Innovation
- Al Software automated experience
- Members of COIT, AEIT & EAA
- Compromised in giving sustainable solutions



# About:

#### **SOUNDPROOF**

Acoustic analysis towards efficient solutions complying with construction and environmental regulations.
Significant cost reduction.
Smart Noise Control

### **ACOUSTIC COMFORT**

Analysis of space conditioning to achieve the best room acoustics with great intelligibility, controlling reverberation, background noise and avoiding resonances and echoes.

#### **NOISE CONTROL**

Noise and Vibration Control analysis in any type of activity guaranteeing the compliance of noise and vibration environmental regulations.

### **SOUND AMPLIFICATION**

Sound Amplification studies to fill a space with the best high fidelity sound, achieving a clear, uniform sound field full range.

TAFOR was established by pioneers in acoustic Engineering with a long professional trajectory.

2007 KICK-OFF 2012 AWARDS Young Entrepreneurs Innovation Award

Innovation in Passive Noise Control (TaFor Method)

+ 10 years

of

2015 INNOVATION AC

World's 1st Elliptical Acoustic Barrier

New software Implementation of Al and New Technologies created by TaFor

2021 Al by TAFORTECH

milestones

Innovation in Active Noise Control 2018 METHOD 2017
PARTNERSHIPS

Acoustic Consultants of the GTEP Group

Official Engineers Association (COIT)

# Areas of Expertise & Implementation

### Government

Acoustic Maps for cities and roads.

Proposals for noise control reduction.

### **Industry**

Noise and vibration control for workplace, environment and machinery.

### **Hotels and Leisure**

Acoustic comfort and noise reduction or sound amplification for buildings or leisure spaces.

New construction or building renovation.

### Other

Architects, auditoriums, recording studios, open field events, concerts, sport facilities, automotive, army, shopping malls, among many others!

## Join the family of brands that trust Tafortech





























INDITEX



endesa







### Saving

Our Acoustic Engineering Studies allows the control of the minimum reinforcement insulation solution for each noise propagation path. We use the least amount of material with an intelligent thickness design of air chambers and cushioning systems. We treat only the propagation paths that needs it. All of this results in a minimum use of materials for a maximum performance, saving in the final investment.





At Tafortech we guarantee that the proposed building solutions are the minimum you need to avoid unnecessary additional costs and investment loss. Our calculations are contrasted with 3D Beam Tracing simulations, and the result can also be contrasted in situ (ISO12354) Method. We comply with the environmental and building regulations.





Telecommunication Engineers are the only ones that study the Wave Phenomenon in the Acoustic Engineering field. In addition to the endorsement by the Official College of Telecommunication Engineers COIT included, we guarantee the acoustic result with our civil liability insurance with a worldwide coverage of 1.100.000€.

Since our establishment in 2007 our acoustic studies have been 100% successful.





## Al by Tafortech

Our very own Acoustic Inteligence Using our own reverse engineering methods, linking to big data databases, cloud computing, geolocation, and our new Al system; we have endowed the system with Acoustic Intelligence.

innovative engineering methods with a new engine calculator of maximum precision, achieving total noise control, acoustic comfort, and material savings through a complete Acoustic Noise Control Render.

After years of R+D+i we have

managed to combine our

We have managed to create the first artificial intelligence system focused on acoustics

### No room for errors

With the software and Al there is 100% accuracy in the measurements and calculations

### Time Optimization

What took 1 month to develop now takes only a few hours.

### **3D Generator**

All plans generated in 3D with the latest technology for a clear vision of the final image.

### Al by Tafortech

Our very own Acoustic Inteligence

### Installation Set Up

It gives you clear 3D instructions in the installation set up, so we assure the correct implementation on site.

### **Materials Breakdown**

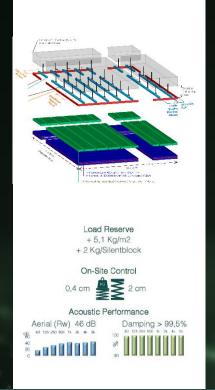
Gives an automatic breakdown of all main and secondary materials needed, quantity and local suppliers.

### **Check Points**

Generates check point technical sheets to help with Project management.

Our new software with unique feature only offered by Tafortech globally.

Join the revolution towards 4.0 Industry.







We have equipped our maximum precision calculation engine with own reverse engineering methods, with access to geolocation and database, and also with Artificial Intelligence to be able to select straightaway and prior to the 3D Render, the specific acoustic goals to be applied, the optimal construction solution of all possible depending on the construction restrictions (maximum thicknesses, profiles type, profiles spacing, ...) and other customer objectives (aesthetics, performance, ...)



### Tafortech Technologies

For personal comfort, environmental considerations or legal compliance.

Acoustic Quality

Achieve acoustic comfort with the highest performance at minimum cost.

Reduce sound emissions or improve quality and clarity of the sound with specific tech equipment. Active Noise Control



Cost Optimization Guarantees on minimal sound emissions with minimal materials and less cost.

Construction solutions specifically designed for you.

Passive Noise Control

