

IMAGINE THE FUTURE
OF CAR INTERIORS

GRUPO ANTOLIN
**DESIGN
CHALLENGE**

2ND EDITION 2020



Design Challenge 2020

1. Grupo Antolin:

Company introduction

- Who we are
- Our products
- International presence
- Innovation

2. Design Challenge 2017 winners

3. About the Design Challenge 2020

- A brief introduction
- The categories
- Tips & Guidelines

4. Terms & Conditions

- Awards
- Deadline for entries
- Deliverables
- Other info

An abstract graphic on the left side of the page, consisting of a dense, chaotic network of thin blue lines and small white dots, resembling a complex web or data visualization. The lines radiate from a central point on the left towards the right, creating a sense of depth and connectivity.

1

Grupo Antolin

1. Grupo Antolin: Company introduction

Grupo Antolin is the supplier of **1 out of every 3 vehicles** manufactured worldwide.

Grupo Antolin is present in 9 of the top 10 best selling cars in the world.

We are the **leading Tier 1** player in the design, development, manufacturing and supply of automotive interior components.

1. Grupo Antolin: Company introduction



Talent

More than **30,000** individuals drive us direct to success



Financial Strength

2018 annual sales of more than **5,4 billion €**



Global Presence

155 production plants and centers Just in Time across **26 countries**



Innovation

We innovate today to obtain a **sustainable future** for the automobile



Products

Overheads
Doors
Lighting
Cockpits & Consoles

1. Grupo Antolin: Our products

4 Strategic Business Units (BU)

Overheads & Soft Trim BU

- Modular headliner
- Substrate
- Sunvisors
- Lighted headliner
- Soft trim

Number 1 Worldwide

Doors & Hard Trim BU

- Carrier solutions
- Door panels
- Window regulators
- Mechanisms

Multi-Technological Offer

Cockpits & Consoles BU

- Cockpits
- Instrument panels
- Central console

We Improve Life on Board

Lighting BU

- Complete solutions
- Interior:
 - Functional
 - Mood lighting
- Exterior

Innovation Comes to Light

1. Grupo Antolin: International presence



We are present where the cars are manufactured

155 facilities and 25 Technical Commercial Offices

26 Countries

Spain
Argentina
Austria
Brazil
China
Czech Republic
France
Germany
Hungary
India
Italy
Japan
Mexico
Morocco
Poland
Portugal
Romania
Russia
Slovakia
South Africa
South Korea
Thailand
Turkey
United Kingdom
United States
Vietnam

1. Grupo Antolin: Innovation

Grupo Antolin, SMART INTEGRATOR

In order to face the mobility challenges of the future, **the interior of the vehicle demands advanced functionalities**. Grupo Antolin has the opportunity to work in that direction to be recognized not only as an efficient transformer of materials, but also as an **"integrator of intelligence"**

FACING THE CHALLENGES OF THE FUTURE

- In our case, that intelligence materializes in more or less complex solutions belonging mainly to the fields of **electronics and ambient and functional interior lighting**.
- Our strategy is to incorporate these functions into the components we manufacture in order to give our products **greater added value and to increase the sensations of perceived quality, safety and comfort on board the vehicle**.
- It is also a question of developing **integration solutions** to facilitate the constructive and/or the assembly processes of the components, fulfilling objectives of **reduction of cost, light weighting, improvement of technical specifications, etc.**

www.grupoantolin.com/en/innovation

An abstract graphic on the left side of the page, consisting of a dense network of thin blue lines and small white dots, resembling a complex web or a starburst pattern. The lines radiate from a central point towards the left edge of the frame.

2

**Design Challenge 2017
Winners**

2. Design Challenge 2017 Winners

1st Design Challenge Awards 2017

FEEL AND ENJOY THE INTERIOR OF THE FUTURE

Grupo Antolin, in its commitment to innovation, creativity and talent, launched this contest which challenges design students in Universities and Schools around the world to design the interior for the vehicle of the future.

CATEGORIES

THE BEST INTERIOR CONCEPT OVERALL AND GENERAL PROJECT		THE BEST INTEGRATION OF TECHNOLOGY		SPECIAL MENTIONS	
10,000€	5,000€	Innovation in DOOR PANELS	1,000€	Innovation in OVERHEAD SYSTEM	1,000€
		COLOR & TRIM / MATERIALS	1,000€	Innovation in INSTRUMENT PANEL	1,000€

The prize in the category of "The most innovative and best integrated lighting" has been declared deserted due to the proposals do not represent the expected level of innovation.

The winning projects

The best interior concept overall and general project
VISION 360° USA-DETROIT
 · Jenn Lim, student of the College for Creative Studies University of Detroit
 · The award ceremony will be held at Grupo Antolin-North America, Detroit



The best integration of technology
 Special Mention: Innovation in Door Panels
ADAPTA SPAIN-VALENCIA
 · Luis Carlos Moreno, student of the Polytechnic University of Valencia
 · The award ceremony will be held at Grupo Antolin HQ in Burgos



Special Mention - Innovation in Overhead System
 Special Mention - Color & Trim / Materials
MINIMUS UNITED KINGDOM-LONDON
 · Kristen Tapping, student of the London South Bank University
 · The award ceremony will be held at Antolin Interiors UK (Warwick Head Office)



Special Mention - Innovation in Instrument Panels
TRANSITION FRANCE-PARIS
 · Pierre Senelet, student of the Strate School of Design of Paris
 · The award ceremony will be held at Grupo Antolin-France, Paris



- *Best interior overall and general Project:*
Jenn Lim (USA, Detroit)
- *Best integration of technology and Special Mention Innovative Door Panels:*
Luis Carlos Moreno (SPAIN, Valencia)
- *Special Mention Innovation in Overhead System and Materials/Color & Trim:*
Kristen Tapping (UK, London)
- *Special Mention Innovation in Instrument Panels:*
Pierre Senelet (FRANCE, Paris)

An abstract graphic on the left side of the slide, consisting of a dense, chaotic network of thin blue lines and small white dots, resembling a complex web or a starburst pattern. The lines radiate from a central point on the left towards the right, creating a sense of depth and connectivity.

3

**About the
Design Challenge 2020**

3. About the Design Challenge 2020

A BRIEF INTRODUCTION

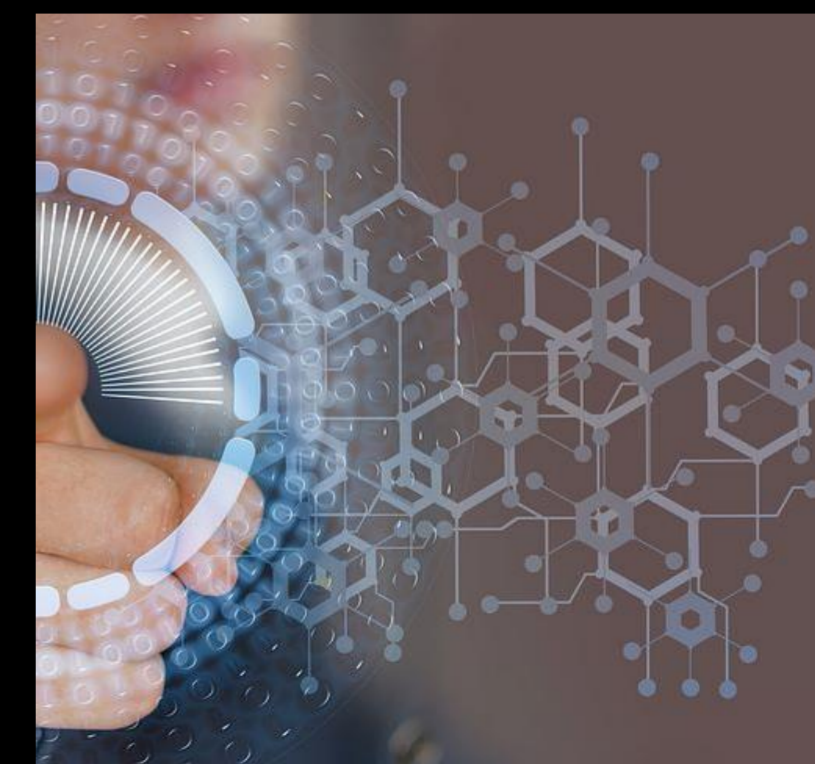
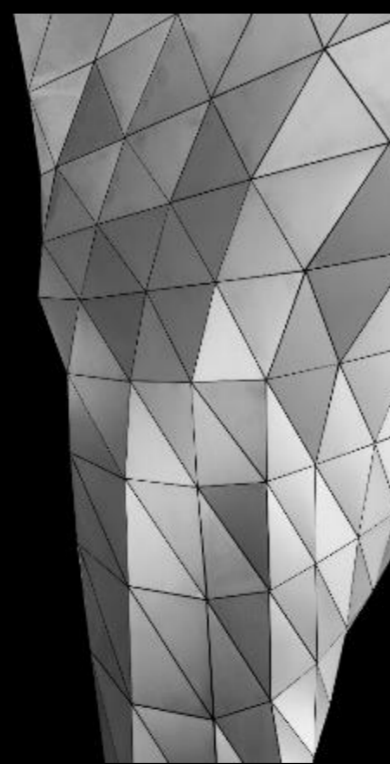
At Grupo Antolin, we work from Design to imagine the Future Mobility, offering to our clients our capabilities and innovative solutions for the interiors, as well as converting dreams and concepts into industrial reality.

Design of future interior cars need to take into account : **Market insights and trends, continuous innovation in materials and industrial processes, technological integration, weight and cost limits, safety regulations, and also HMI factors in order to create the best and most pleasant space on board.**

GA Design Challenge 2020 competition is a way for us to **share our commitment to innovation and design** with students worldwide giving everyone a chance to see their ideas come to light. This a great way to get recognition in the automotive industry and win great prizes.

THE CONCEPT

Create parts for an innovative car interior for an **electric vehicle with Level 4 Autonomy** - that is both autonomous (no driver) and manual (driver) - for the **year 2025**. This vehicle can be intended for a **private or sharing use**.



3. About the Design Challenge 2020

THE CATEGORIES

The competition is split into **three categories with respective prizes**. You are allowed to enter more than one category:

Smart Headliner

- We are looking for a headliner that integrates **technology and illumination**.
- **No glass is allowed.**
- Keep in mind the entire vehicle and passenger comfort when thinking of the headliner functions.
- Proposal for **sun visors must be included**.
- Proposal for innovative materials and how they would be processed must be included.

Smart Door Panel

- Door lining inside the vehicle which combine **innovative technology and illumination** with overall aesthetic design.
- Keep in mind **function, comfort, and technological integration**.
- Proposal for innovative materials and how they would be processed must be included.

Smart Cockpit

- Vehicle instrument panel that allows **autonomous and manual driving** (the steering wheel must appear and disappear depending on driving mode).
- Imagine how the cockpit can adapt to user needs in both autonomous and driving scenarios.
- Center console may be included as an extension of the design.
- Proposal for innovative materials and how they would be processed must be included.

3. About the Design Challenge 2020

TIPS & GUIDELINES

Designing for automotive is not easy...here are some factors to keep in mind (although you do not need to provide answers to each of them):

- **Technological integration** – consumers and clients are asking for high technological integration into future concepts.
- **Illumination** – decorative lighting is great, but even better when linked to a function.
- **Weight reduction** – we have very tight limits on how much our parts can weigh due to electricity consumption.
- **Climate control** – with temperature highs and lows reaching peaks and technological integration generating lots of heat, it is important to consider the ambient temperature when the car is on and off and integrate passive climate control (without electricity) to help regulate it.
- **Feasibility** – the concept needs to be feasible using existing or emerging processes (we encourage you explore and explain materials and processes for each proposal) and think of how the parts would actually be manufactured.
- **Sustainability** – how does this reduce our carbon footprint during the production process and during the product life cycle (for example recyclability, reuse of materials, low energy processes).

*Regarding seats, you may want to include one for visualization in your proposal, **please do not spend time making a custom seat.***



4

Terms & Conditions

4. Terms & Conditions

Awards to...

- *Category: **Smart Headliner** best proposal €3,000 (tax free)*
- *Category: **Smart Door Panel** best proposal €3,000 (tax free)*
- *Category: **Smart Cockpit** best proposal €3,000 (tax free)*
- *Special Mention: **Color & Trim** €1,000 (tax free)*

IMPORTANT:

- Participants can be submitted to one or several categories.
- GA might decide not to award any of the categories or special mention if none of the proposals are considered suitable.

4. Terms & Conditions

Deadline to register:

SUNDAY, DECEMBER 15th, 2019

Deadline to receive the proposals:

SUNDAY, JUNE 7th, 2020

- Registration: Until December 15th, 2019
- Proposals collections: From December 1st, 2019 to June 7th, 2020
- It is necessary to register to participate in this challenge. Click [here](#) to access the registration form.
- After registration, an email will be sent to notify the identification code. This identification code must be used to submit the proposals.
- You will receive another email with the instructions to upload the proposals.

4. Terms & Conditions

Information to be submitted:

DIGITAL

- **Document** with the explanation of the proposal (.ppt or .doc)
- **Sketches / renders** of the proposal and its details in high quality (format: .jpg /.tif)
- **3D design surface data** will be valued by the jury but it is not a must (.iges / .dxf /.wire)

PERSONAL DATA

- Identification code must be used to check your personal data

Language: English

IMPORTANT: The sending of the proposals by the participants will be considered as the acceptance of all the terms & conditions included in the present document.

How to submit your proposals

- An email will be sent you with the instructions to upload the proposals.

4. Terms & Conditions

FURTHER INFORMATION:

- **PARTICIPANTS:** The competition is opened to students from Design Schools and Universities. The proposals should be submitted individually or in group. Participants can be submitted to one or several categories.
- **REGISTER:** Each participant must complete a pre-register. An anonymous code will be assigned in order to submit the proposals.
- **THREE CATEGORIES:** smart interior headliner, smart interior door panel and smart cockpit.
- **JURY:** it will be defined prior to the deadline (represented by GA experts and high management). GA might decide not to award any of the categories or special mention if none of the proposals are considered suitable.
- **AWARDS GIVING:** The prize is per category (individual or team). The winners will be noticed by Grupo Antolin. The prizes are tax free. No prize equivalents will be offered. Prizes are non-transferable.
- **SUBMITTED PROPOSALS:** The participants acknowledge and agree that they are not authorized to present the proposals sent to this Grupo Antolin Contest to other contests in any case.
- **PUBLIC COMMUNICATION:** All external communication will be managed by Grupo Antolin.
- Notes:
 - GA employees, subcontracted personnel and GA trainees are not allowed to participate.
 - *Regarding seats, you may want to include one for visualization in your proposal, please do not spend time making a custom seat. They won't be valued.*

4. Terms & Conditions

FURTHER INFORMATION:

INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHTS:

Contest participants acknowledge that the submitted proposals are original and new, that is neither issued nor shared with any third before the date of registration date to the contest, and that they are their authors and the rightful owners of any rights derived from them, stating that they are not infringing any third party rights, such as intellectual or industrial property rights, among others. Consequently, the contest participants shall be directly responsible for the authorship and originality of the submitted proposals and they undertake to communicate GRUPO ANTOLIN-IRAUSA, S.A. any claim made by any third party relating to the submitted proposals.

The participants expressly and exclusively grant to GRUPO ANTOLIN-IRAUSA, S.A., to exploit, disclose, disseminate and/or commercialize any industrial/intellectual property right derived **from the winning proposals** (awards and special mentions) that may be protected or not under the applicable legislation, including the rights of reproduction, distribution, public communication, transformation and/or collection, **free of charge**, without any temporal or territorial limitation and regardless.

The participants expressly and exclusively grant to GRUPO ANTOLIN IRAUSA, S.A. a **right of priority** over any industrial/intellectual right to exploit, disclose, disseminate and/or commercialize derived **from the non-winning proposals**, that may be protected or not under the applicable legislation, including the rights of reproduction, distribution, public communication, transformation and/or collection, without any temporal limitation and throughout the universal territory.

4. Terms & Conditions

FURTHER INFORMATION:

PERSONAL DATA PROTECTION (1/3):

The Contest Participant, on the occasion of his participation in the competition organized by Grupo Antolin Irausa, S.A., (“Grupo Antolin”) for Design Challenge 2019, as indicated in the competition rules (Terms & Conditions) and in the present document, I authorize Grupo Antolin to process my personal data.

Grupo Antolin is committed to protect your privacy, and guarantees compliance with personal data protection legislation and, specifically, that your personal information will be processed: in a lawful, fair and transparent manner; subject to specific explicit and legitimate purposes; only if it is adequate, relevant and limited to what is necessary in relation to the processing activity; accurate and updated; in such a way that the identification of the interested party shall be limited to what is necessary for the purpose.

In accordance with the provisions of current regulations on the protection of personal data, specifically in the General Data Protection Regulation (“GDPR”), we inform you about the processing of your personal data as a participant of the contest organized by Grupo Antolin on the occasion of the Design Challenge 2019.

You must read the following notice in order to know the purpose of the processing of your personal data and other privacy considerations.

4. Terms & Conditions

FURTHER INFORMATION:

PERSONAL DATA PROTECTION (2/3):

Data Controller:

- **Grupo Antolin Irausa, S.A. (“Grupo Antolin”).** Carretera Madrid-Irún, Km. 244.8, 09007 Burgos, (Spain). Privacy contact address: privacy@grupoantolin.com

Purpose:

- Management of the participant's subscription, application and participation in the contest/competition.
- Compliance with legal, tax, etc. obligations in relation to the winners.
- Control of access to Grupo Antolin facilities of the winners, if prizes are given in Grupo Antolin facilities.
- Publication of the photos, images or video of the winners on the occasion of prize-giving ceremony on the Grupo Antolin website and social networks. The transfer of the use of this images and videos is free and undertakes not to claim any compensation, except for the delivery of the prize obtained as a result of win the contest.

Legal ground:

- Consent given by you in order to facilitate your participation in the competition.
- Legal obligation: comply with the legal obligations stipulated by tax and other local legislation.
- Legitimate interest of Grupo Antolin: internal control and safeguard the security of the facilities.

Recipients:

- Service providers (Technology services and systems maintenance companies) that need access to the data in view of the services they provide to the Antolin Group and some Antolin Group companies, in certain specific cases.
- Third parties (Spanish Agency for Data Protection, Public Administration, etc.) when necessary in compliance with legal obligations.

4. Terms & Conditions

FURTHER INFORMATION:

PERSONAL DATA PROTECTION (3/3):

- **Rights:** Right of access to your personal data to know which data are being processed and the processing operations that are being performed; right to rectification of any inaccurate data; right to data portability; right to erasure of the personal data, if you withdraw your consent to the processing; right to request the restriction of the processing of your personal data where the accuracy, legality or need to process the data is doubtful and in the other cases envisaged in the GDPR. In order to exercise these rights please write to Grupo Antolin Irausa, S.A. at (Ctra. Madrid-Irún Km. 244,8 09007 Burgos) or via email at: [privacy@grupoantolin.com]. In both applications you must include your full name, and indicate which rights you wish to exercise; and also attach a photocopy of your ID or other similar identification document.
- **Security of the information:** We have implemented the necessary technical measures in order to protect your data and information from accidental losses, unauthorized access, use and disclosure. However, despite the diligent implementation of such measures, the user should know that the security measures are not impregnable. Grupo Antolin is not responsible for third-party actions that, in violation of these measures, access the aforementioned data and information.
- **Conservation of your data:** The personal data provided by the participants will be kept until the end of the contest. Once the contest is concluded, the personal data provided will be duly blocked for the time required by applicable legislation, 3 years. The personal data provided by the winners will be kept during the term of transfer of the rights of use of the images or video related to the contest, which in this case is 2 years.

By signing this document, you confirm that you have read this personal data processing policy and consent to the processing of your data to participate in the present contest organize by Grupo Antolin.

Date:

Signature:

An abstract graphic on the left side of the slide, consisting of a dense, chaotic network of thin blue lines and small white dots, resembling a complex web or data visualization. The lines radiate from a central point towards the left edge of the frame.

**Thank you for your
participation!**