

Background At Culmia we are committed to the SDGs and we walk in parallel with the 2030 agenda where the 5 spheres of vital importance known as the "5 Ps" are areas of critical importance for humanity and the planet. People: Put an end to poverty and hunger in all its forms and ensure the dignity and equality of all people. Planet: Protect the natural resources of the planet and combat climate change so as to ensure an environment fit for future generations. Prosperity: Ensure that everyone can enjoy a prosperous life in full harmony Peace: Promote peaceful, fair and inclusive societies. Partnerships: Implement the 2030 Agenda via solid global alliances.

The 17 Goals to transform our world

PEOPLE-centered SDGs











PLANET-centered SDGs











PROSPERITY-centered SDGs











SDG PEACE and PARTNERSHIPS —





Culmia Ernest Lluch

Actions related to the SDG



- We have developed our own health certificate to ensure healthier homes.
- · We are maximising natural interior lighting.
- We are continuing to improve the quality of the interior air with appropriate ventilation and materials with no volatile organic components.
- Introduction of biophilia in the design of common areas.
- · We promote social relations between neighbours.
- We promote the use of the stairs and exercise.

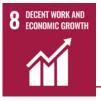


- · Design of facilities to optimise water consumption.
- Reduced interior water consumption. Limiting the consumption from taps and domestic appliances
- solutions for the reuse of storm and grey water.
- Use of native plants that do not need watering and/or use of an irrigation system with low water consumption.



 $\boldsymbol{\cdot}$ Use of passive strategies in the design phase.

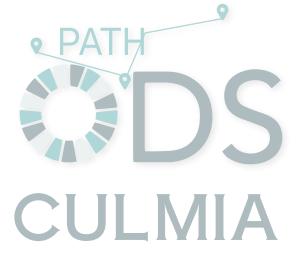
- · Implementation of high-performance active systems.
- Use of renewable energies such as geothermal, solar and photovoltaic energy and efficient installations such as Aerotermia.
- Design of Nearly Zero Energy Buildings (NZEB)
- Use of low-energy lighting, movement detectors and timers to minimize consumption.
- We encourage the use of highly energy-efficient household appliances.



 Encourage and promote the design and construction of industrialised buildings, favouring quality employment and contributing to the reduction of workplace accidents.



- We are working to develop our homes under nearly zero energy (NZEB) criteria.
- Gradual introduction of the BIM digital organisational system in the design phase.
- Introduction of the LPS planning methodology (Lean Construction).
- We are committed to developing projects on industrialised platforms that include the synergies of multiple agents.

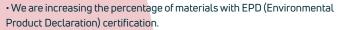


- Industrialised construction allows for a greater inclusion of women in housing production.
- We have been involved in the development of affordable housing through partnerships with the public sector and the industrialised housing sector, committed to access to housing around the world.



SUSTAINABLE CITIES AND COMMUNITIES

- In the development of housing projects, we promote sustainability criteria so as to improve the future of the inhabitants and the planet.
- We pay special attention to the design of green areas, using native plant species, low-consumption irrigation systems, etc.
- We promote alternative transportation, protected areas for bicycles and charging areas for electric vehicles.





 We are committed in the medium term to better building design under the requirements of the circular economy.



- We have developed our own sustainability certificate to ensure more sustainable homes, minimising the impact on climate change.
- The Culmia sustainability and health certificates help to maintain the planet's ecosystems.



13 CLIMATE ACTION

- We are committed to public/private partnerships for the development of an affordable housing stock.
- We have partnered with the Green Building Council España (GBCe), the principal sustainable building organization in our country.
- We are partners in the Cluster for Building Industrialisation and Innovation an association that promotes industrialised building.



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Thank you for being part of this tryp



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