

Introduction



The issue of combating climate change is not a problem that concerns a group of countries, but rather a global problem.

In this context, TAILOR ENERGY Inc., continually seeking new solutions to play a decisive role in the energy transition, is no longer content with selling electric vehicle charging stations but is becomes a manufacturer and seller through its CAP 2030 project.

Context

The current decade marks a crucial turning point in the transformation of the global transportation landscape. The increasing awareness of climate change and the need to reduce carbon emissions have led to a rapid shift towards vehicle electrification.

In North America, the ambition is clear: to end the sale of new internal combustion engine (ICE) vehicles by 2035, with a bold goal of electric vehicles (EVs) representing approximately 60% of total sales by 2030.

In this transformation context, TAILOR ENERGY Inc. emerges as a pioneer and innovator. Our vision is to facilitate the global transition to cleaner mobility, focusing not only on Western markets but also extending our reach to often overlooked regions, such as Africa.





- To participate in the fight against climate change, a fight for everyone. A solution in line with our expertise.
- To optimize the charging time for vehicles, which currently remains long and cumbersome for users of hybrid and electric vehicles.
- To fill the lack of international certifications for charging stations.

- Because the market is moving towards the end of gasoline-powered vehicles.
- This projection highlights the need for highperformance, suitable, and adaptable equipment for both individuals and professionals.
- There's a need for the transformation of gas stations into hybrid and then electric stations.

What?

Our ambition is to create electric charging stations (AC and DC) that are not only functional but also intelligent and adaptable, offering an unparalleled user experience and meeting the specific requirements of each target market. In addition to this, we have adaptable hybrid gas stations in our projects.

High definition screen: Replacing the traditional LED screen, for a richer and interactive user interface. This screen will protect against different weather phenomena.

Modular Connector: Positioned separately on the side for maximum flexibility, allowing for quick adaptation to the plug standards of each country.

Embedded intelligence: The terminals are designed to allow integration with a mobile application or an RFID system, transforming each recharge into a connected experience. This app will manage customer interactions, payments and even optimize recharges based on electricity rates – all based on the revolutionary idea of load shedding.





Where?



In the world:
Priority in Canada,
America, Africa and
Europe



Individuals:
Home installation
Residential building Office
buildings



Strategic points:Shopping centers, Rest areas, Isolated places

Goals





AC charging stations, Type 2 and Type 3, 100% "Made in Canada."



Adaptable charging stations that comply with the standards of each country.



Operating temperatures between -40 and 50 degrees Celsius.



40,000 charging stations worldwide.





How?

- Collaboration with Elabore, Canadian specialist in industrial design and product development
- Positioning on the mid and high-end market with differentiation from existing models and brands, in particular thanks to an aluminum design and modular architecture.

Our prototype designs









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11

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