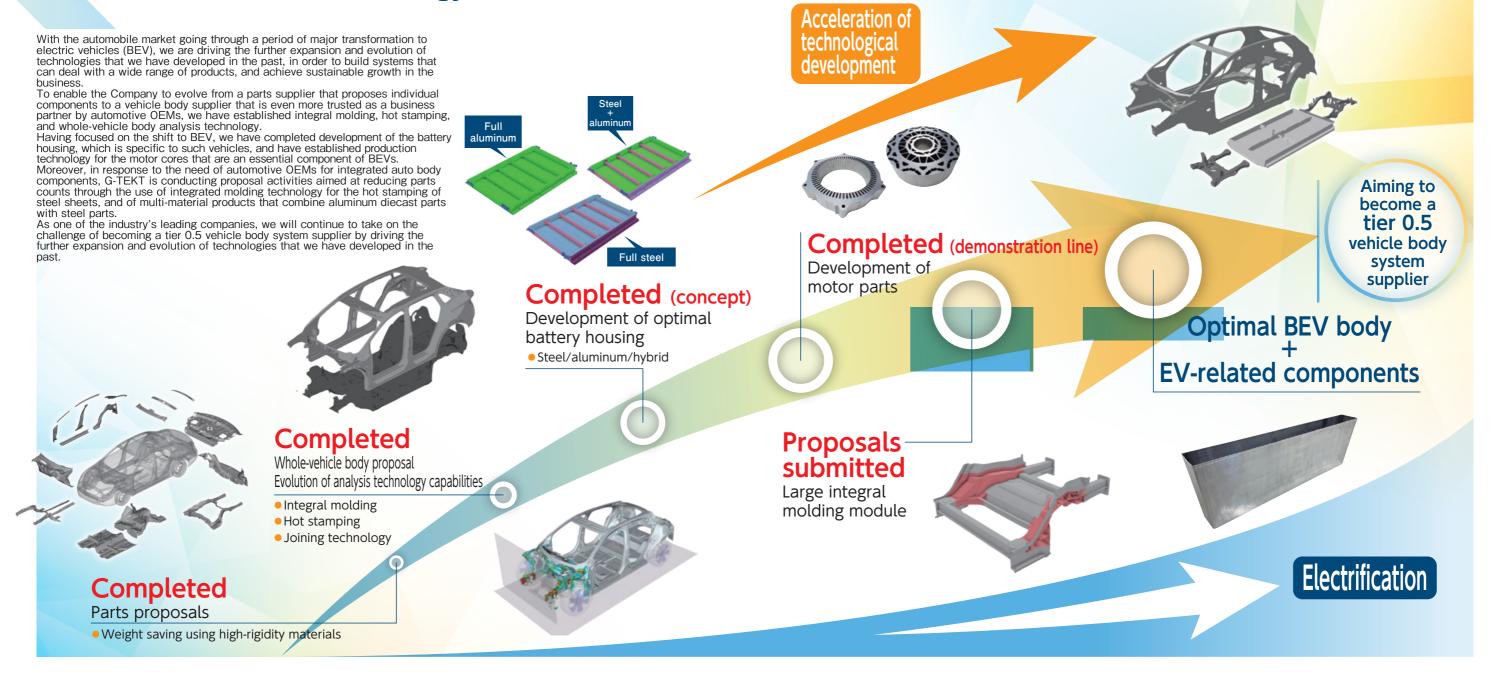
## **Evolution of G-TEKT's Technology**

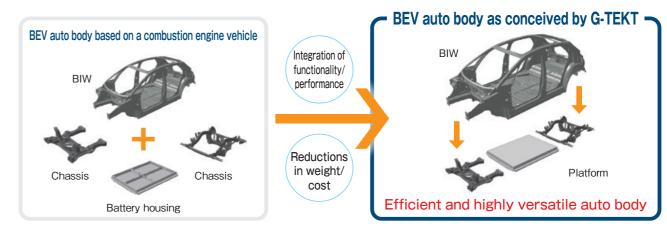


## Integration of body and battery housing functions

For auto bodies, performance is required not only for the functions of the individual parts but also for the vehicle as a BIW\*. Representative examples of this include the strength that protects occupants in a collision, and the rigidity that influences driving comfort. On the other hand, the battery housing that is a part characteristic of BEVs must itself have a high level of strength in order to protect the battery. Accordingly, by developing the auto body and battery housing all at once, the optimal BEV auto body can be created.

G-TEKT has achieved this through its strength in body in white analysis technology. The latest BEVs use so-called cell-to-pack or cell-to-body structures in which the battery housing also serves as the vehicle floor, and battery cells are loaded directly into the battery housing and the body without first being inserted into modules. Keeping abreast of these trends, we secure orders by proposing specifications that identify the optimal balance for the functionality of the battery housing and the auto body.

\*A stage in the automobile manufacturing process where all the body components have been welded together and assembled



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