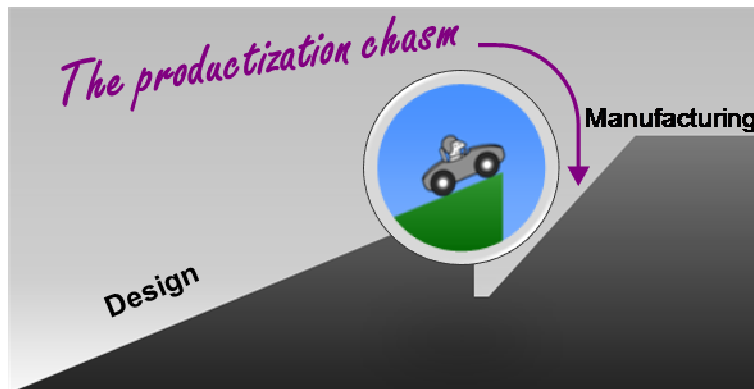


## Productization Solutions for Automotive and Clean Transportation:

Zebulon Solutions transforms R&D projects into complete products ready for manufacturing. In this age of geographically diverse design teams often separated from their factories and supply chains, the traditional gap between design and manufacturing often widens into a chasm. Zebulon Solutions provides the productization expertise and services to help bridge that chasm.



Our services include:

- ❖ Program management: APQP / project management; PMO set-up
- ❖ Product design: electrical; mechanical; software; system; DFMEA; GD&T
- ❖ Industrialization: test development; DFx; supply chain; production set-up; PFMEA
- ❖ Business analysis: ROI; cash flow; IRR; contracts
- ❖ Qualification: Component and system PPAP and OEM and Tier 1 validation

We're a start-up company, but our team has over 20 years of productization and business experience in automotive and emerging clean transportation markets.

- ❖ Core experience in automotive electronics design
  - CAN, telematics, navigation systems, infotainment
- ❖ Experience in emerging clean transportation areas
  - Battery control systems, electric bikes, fuel cells
- ❖ Vehicle productization and platform launch expertise
  - Asian supply chain setup and optimization
  - PPAP and APQP requirements



We specialize in **productization**—taking a concept or a technology or a R&D project and turning it into a production stable product. We may start from a napkin, a specification, a prototype or even a product in limited production, but we always end with a product that is fully industrialized, cost optimized and manufacturable.

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