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# Polycarbonate Glazing

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# Polycarbonate Glazing in Early Adoption Stage ... Future at Risk

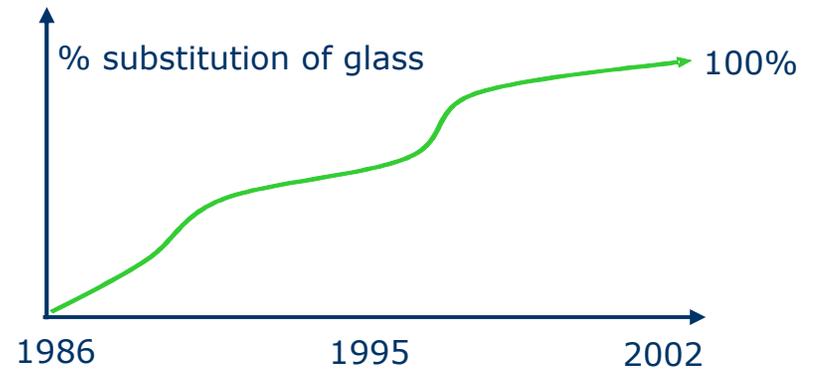
SABIC Automotive ... Change Agent

**Plastic Technology**

**Key Drivers**

Body panels	- damage resistance
Energy Absorbers	- pedestrian safety & weight
Pillar cladding	- occupant safety
Headlamp Lenses	- weight, safety & design
Glazing	- weight (>15lbs) & design

Example - Polycarbonate Headlamp Lens



Early Adopter Vehicles Using PC Glazing



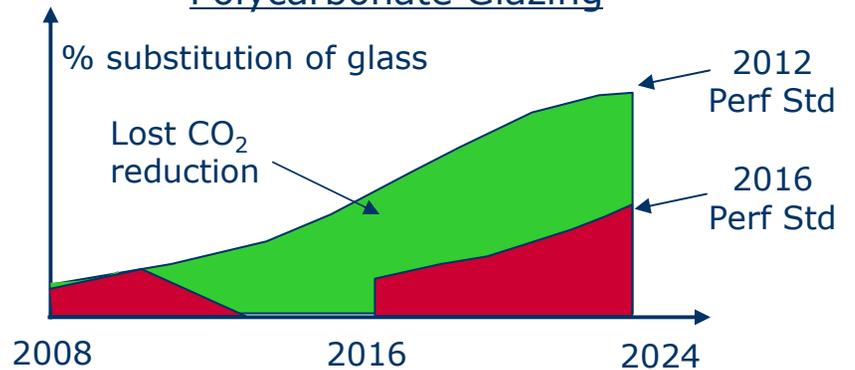
**Honda Civic**

**Smart Car**

**Chrysler GEM**

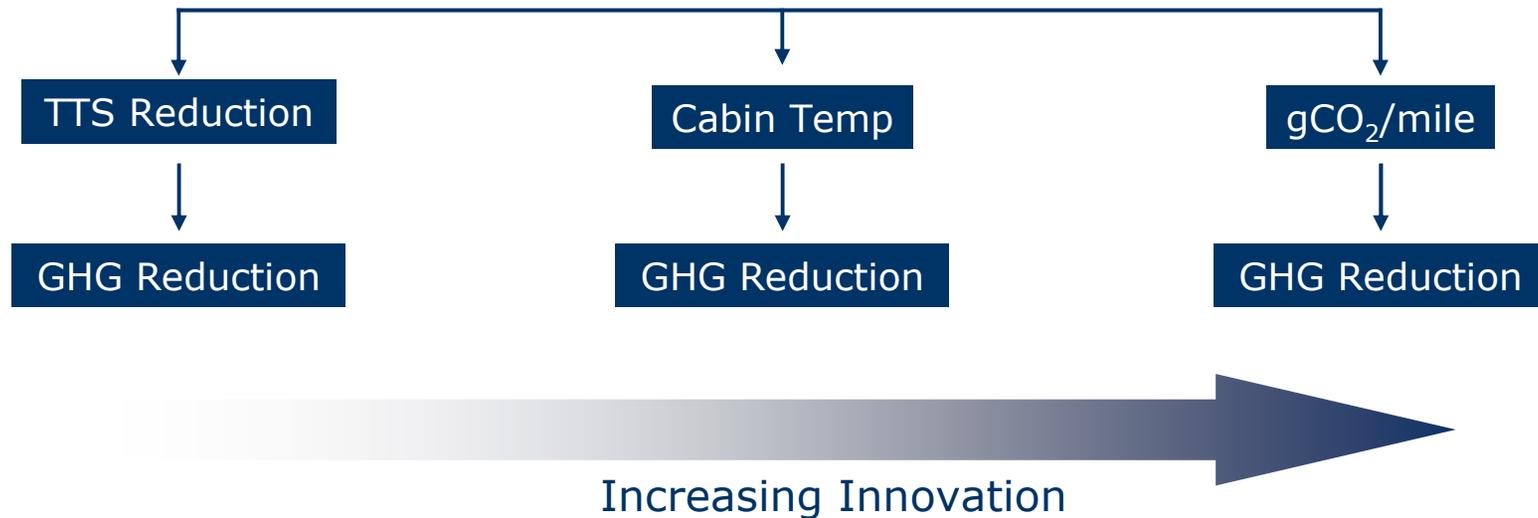
All major OEMs currently validating PC glazing

Polycarbonate Glazing



- No current technology pathway for PC to meet TTS Standard ... R&D ongoing
- 2016 Std will limit development and adoption ... CO<sub>2</sub> benefit lost
- 2012 Performance Standard will maximize R&D and accelerate innovation

## Adopt Performance Standards Effective in 2012



- 2012 implementation of Performance Based Standard maximizes GHG reduction
- CO<sub>2</sub> performance standard drives maximum innovation ... allows OEMs to implement strategies that naturally complement each other and avoid conflicting objectives