

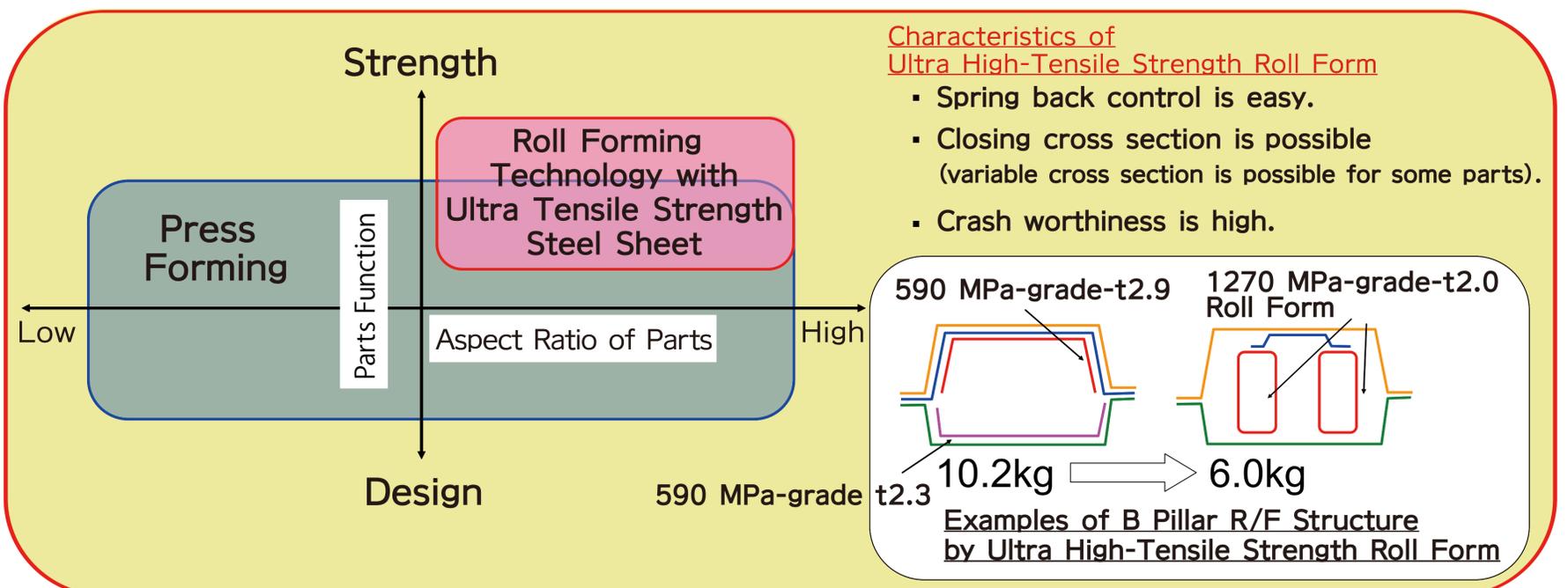
Automobile Side Structure Concept of Automobile Body Utilizing Ultra High-Tensile Strength Roll Formed Parts

Effect

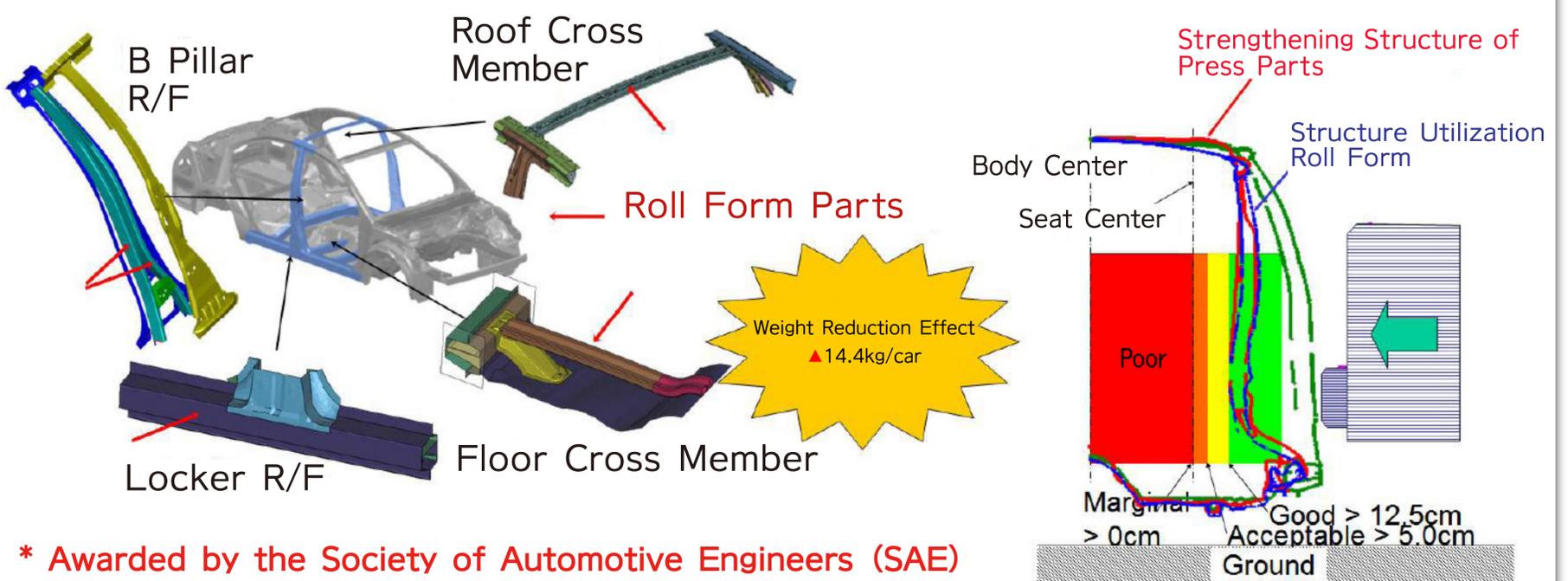
Both improved side impact performance and weight reduction are realized.
(Weight reduction ▲25%)

Points

Aim of Adopting Ultra High-Tension Roll Form Technology in Vehicle Body Part



New Body Structure Utilizing Ultra High-Tensile Strength Roll Form Member



* Awarded by the Society of Automotive Engineers (SAE) and the American Iron and Steel Institute (AISI). Awarded the Sydney Melbourne Prize in 2006.

Result of IIHS Side Impact CAE