STADLER

Javier Vega Gordaliza

Director Comercial

STADLER S.A.

STADLER = MOTOR DE COMBUSTION INTERNA

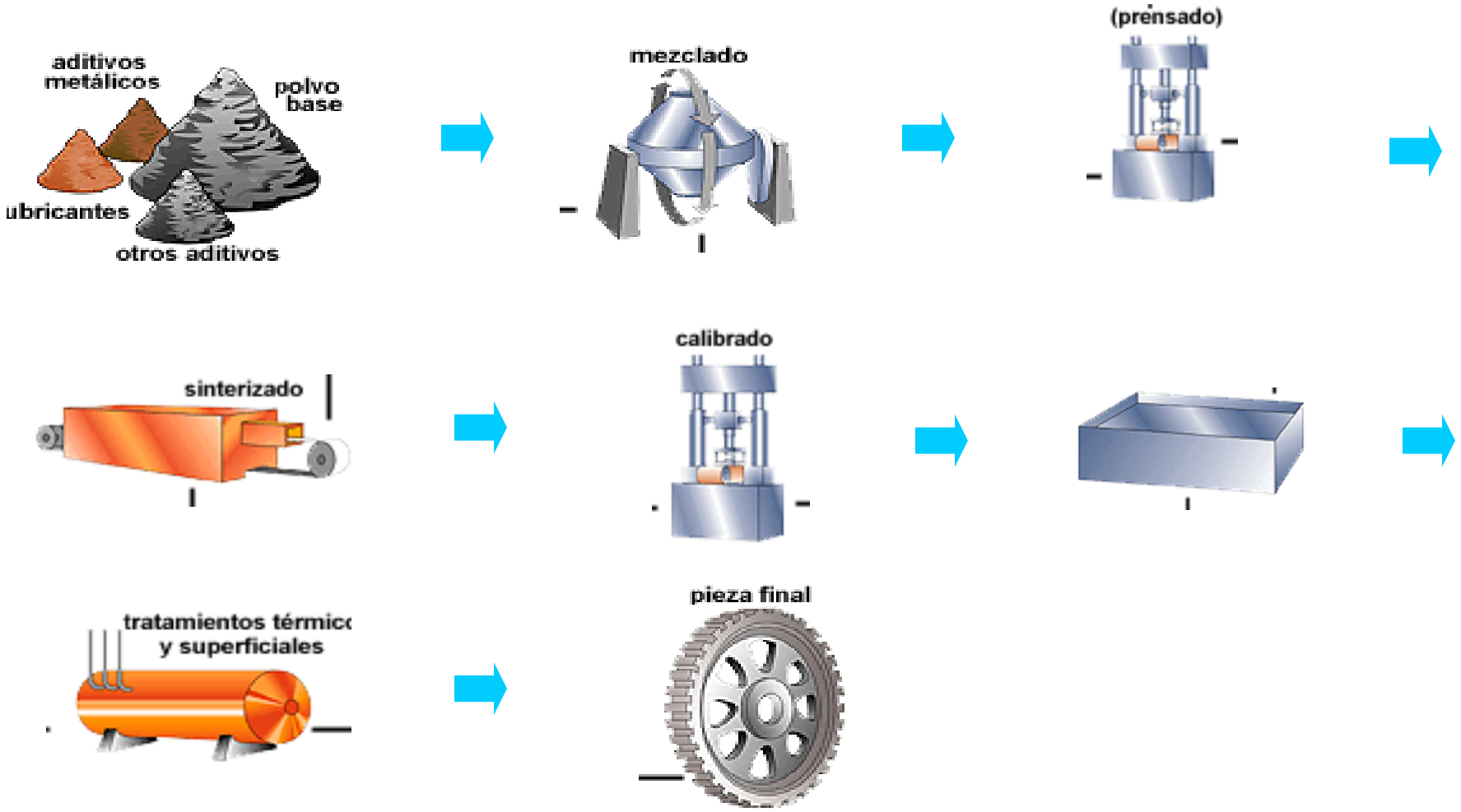
STADLER : AMENAZA -> OPORTUNIDAD

STADLER – OPORTUNIDAD

CLIENTES STADLER

STADLER S.A.

EL PROCESO SINTERIZADO. EXPLICACION



STADLER - PRODUCTO. APLICACIONES

① FLUID TECHNOLOGY: Pumps (Oil, Water, Vacuum, Fuel, Steering), Gerotor, Coupling, Solenoid

② MECHATRONIC: Sensor, VVT, Sprocket

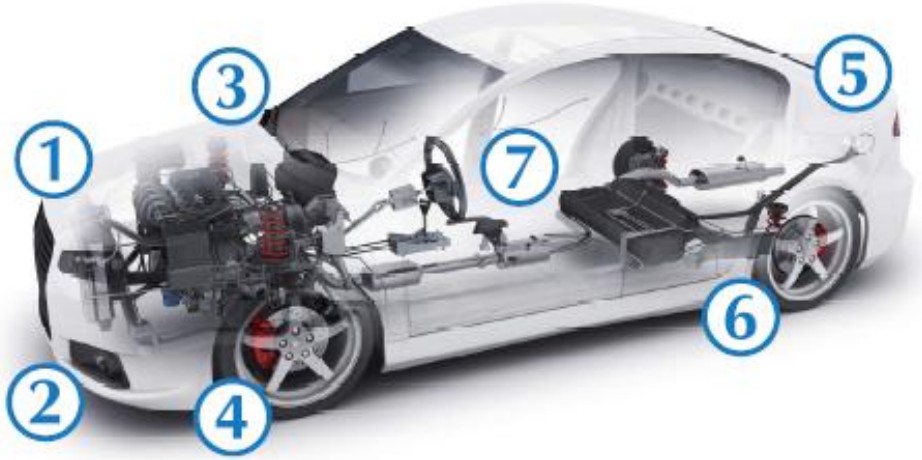
③ ENGINE: Timing Belt Pulley, Tensioner, Bearing Cap, Hub, Sprocket, Clamp

④ TRANSMISSION: Gear, Shift Lever

⑤ EMISSION CONTROL TECHNOLOGY: EGR and Exhaust Flanges, Ogives, Sensor Bosses

⑥ BRAKES / DRIVETRAIN: ABS Sensor rings, Parking Brake Segment, Steering Wheel Adjustment

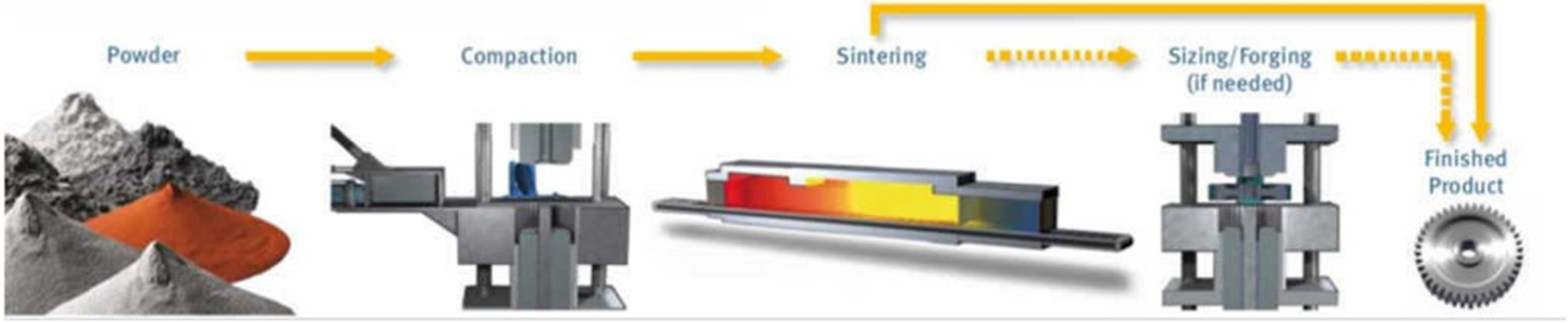
⑦ BODY / INTERIOR: Seat Adjustment, Lock and Sliding

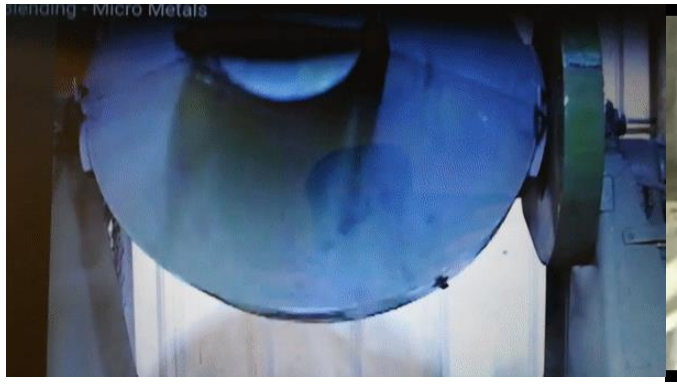


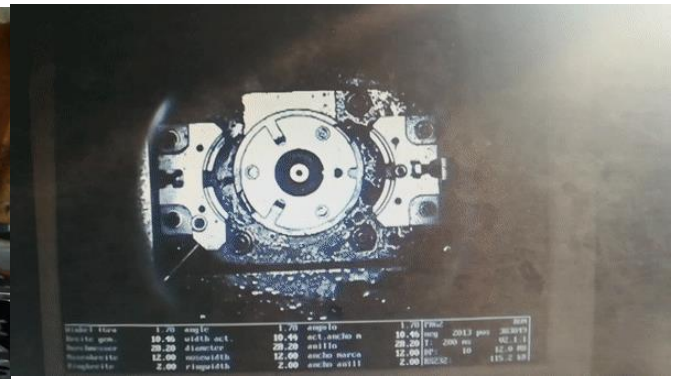
SINTERIZADO = SOTENIBILIDAD Y ECODISEÑO

+ x -

SINTERIZADO: PROCESO SOSTENIBLE - EFICIENTE

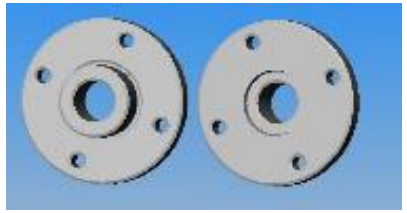
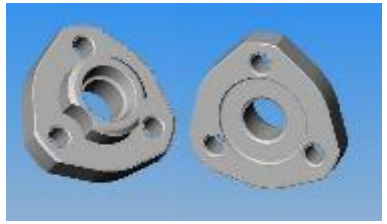


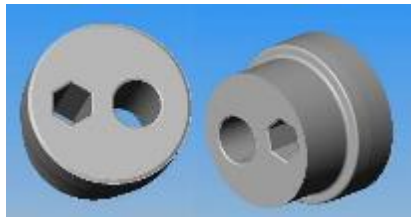
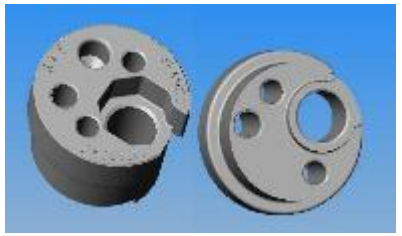
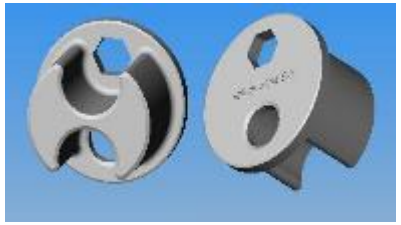
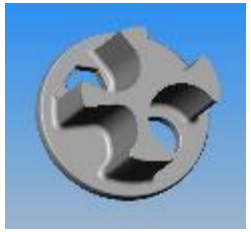




PRODUCTO – DISEÑO OPTIMIZADO - ejemplos

OPTIMIZACION DE GEOMETRIA: Ahorro de materia prima y reduccion de peso.

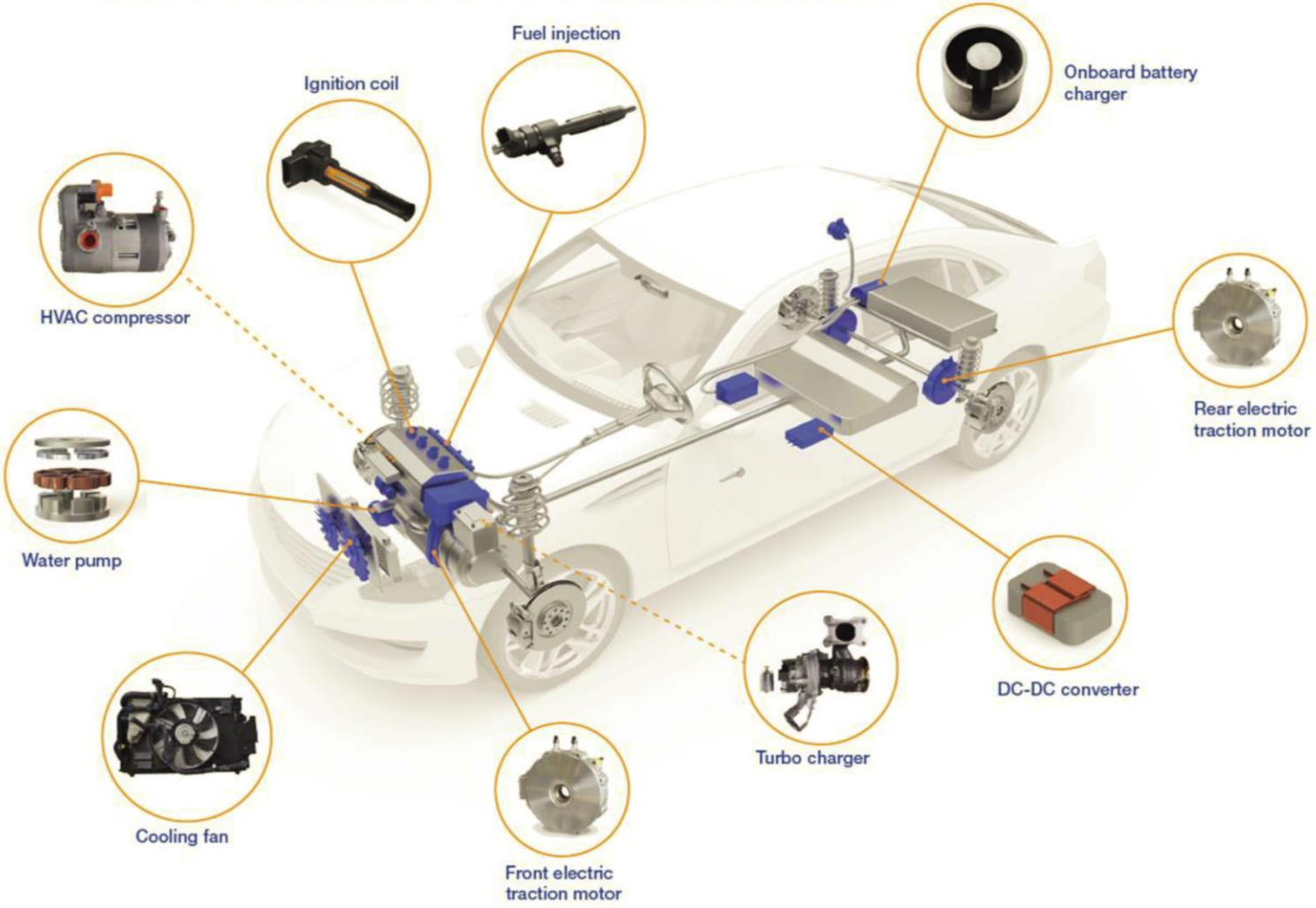
UNIFICACION 2 PIEZAS EN 1

PRODUCTO – ejemplo

EVOLUCION BOMBAS DE ACEITE AUTOMOVIL

ELECTRIFICACION

SMC Automotive Applications



CONCLUSION

https://www.basqueecodesignmeeting2020.eus/

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basque ecodesign center

EUSKO JAURLARITZA GOBIERNO VASCO

INGURUMEN, LURRALDE PLANGINTZA ETA ETXEBIZITZA SAILA

DEPARTAMENTO DE MEDIO AMBIENTE, PLANIFICACIÓN TERRITORIAL Y VIVIENDA