

st W Steinbeis-Beratungszentrum Ino8 Germany

Through the Steinbeis Beratungszentrum Ino8 Germany we provide additional services:

- Global commercialization coaching
- Automotive engineering consulting
- Consortia based R&D
- Localised technology transfer
- Connecting researchers and SME's with corporations around the globe

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INVENTION TRAINING GLOBAL COMMERCIALISATION ENGINEERING CONSULTING



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Concepts, Commercialisation, Coaching

The Steinbeis Transfer Center Ino8 Pty Ltd Australia supports the global automotive industry with inventions, engineering services, and invention training. Examples of our achievements are:

- Initiated cost neutral changes resulting in lifetime fuel savings of 150 million litres per year production volume at Ford in Europe
- Developed systematic inventing training at Deakin University
- 12 granted patents, 28 patent applications
- Developed a framework for business reengineering that lead to operational efficiency improvements of over 50% in several cases at Ford in Germany and Australia

Innovations of similar extent are achievable for your organisation based on open communication, mutual trust and by working together with you.

Steinbeis

Steinbeis Consulting Centers (SCC) are experienced, insightful points of contact for business consulting, analysis and evaluation. Steinbeis Beratungszentren GmbH is the umbrella organization of all Steinbeis Consulting Centers. It is an enterprise in the Steinbeis Network, an international service provider in entrepreneurial knowledge and technology transfer.

www.steinbeis.de

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INO8'S MISSION IS TO INVENT THE
WORLD'S SAFEST AND CLEANEST
VEHICLE TECHNOLOGIES AND TURN
THEM INTO REALITY. THROUGH
ATTENTION TO DETAIL, ENTHUSIASM
AND PERSEVERANCE.



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Invent8™ is a structured inventing process that you will remember forever:

- With simple principles
- Easy to remember
- Systematic and subconscious application

How do you benefit?

- Create your own inventions
- Reduce the dependence on your suppliers
- Become more competitive
- License your inventions
- Improve your brand image by becoming an innovation leader

The principles can be applied in any area including Product Development, Manufacturing, Marketing & Sales, etc. Please get in touch to determine the optimum training solution, either in English or in German.



RDE8™ is an engine control strategy that reduces nitrogen oxide (NO_x) emissions during real world driving. RDE8™ eliminates the risk for various components to be classified as a defeat device.

Benefits at a glance:

- NO_x emissions are reduced during
 - Real world driving
 - Emission certification tests
- Affordable, no hardware modifications are required for modern engine
- Can be retrofitted to minimise the costs of recalls
- Reduction of CO₂ emissions and fuel consumption is possible
- Increases engine performance
- Easy and quick calibration process
- Applicable for all types of internal combustion engines, including diesel, petrol, LPG, CNG
- Suitable for any powertrain configuration such as hybrid, manual or automatic transmission



Safe8™ is an automatic balance control that enables a new generation of leaning vehicles that combine the best of both worlds, safe and comfortable like a car and small and fun like motorcycles, but more efficient and affordable.

Benefits at a glance:

- Highest level of safety
 - Cross-winds are sensed and compensated
 - Haptic alerting of rider
 - Redundancy through combination with automatic balancing through gyroscopic forces of two-wheelers and human senses
- Semi-passive hydraulic damping control makes it
 - Affordable, compared to a Toyota i-road
 - Energy efficient
 - Sustainable
- Suitable for leaning vehicles with 2, 3 or 4 wheels
- Applicable to vehicle speeds from 0 km/h to above 200 km/h



OVER8™ is a heat management system that reduces CO₂ emissions and fuel consumption by over 8% at a fraction of the specific cost per gram CO₂ reduction of hybrids or diesels.

Benefits at a glance:

- Reduction of CO₂ emissions and fuel consumption by over 8% during
 - Certification tests
 - Real world driving
- Lower NO_x emissions
- Less CO emissions
- Improves drivability and vehicle safety
- More affordable than mass produced technologies like diesel or hybrid
- Enables longer oil change intervals
- Reduces engine wear
- Increases engine performance
- Improves cabin warm up
- Applicable for all types of internal combustion engines, including diesel, petrol, LPG, CNG
- Suitable for any powertrain configuration such as hybrid, manual or automatic transmission