

# Hidria


## Corporate Presentation

Engine Expo 2010

## Hidria

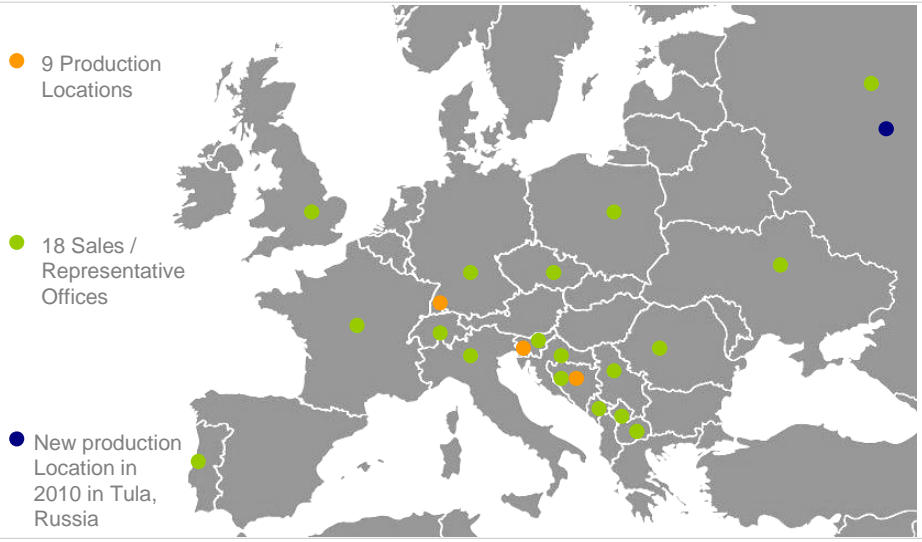
### Our Mission

We strive to improve the quality of life by contributing to clean sustainable mobility and enhanced indoor well-being.



2

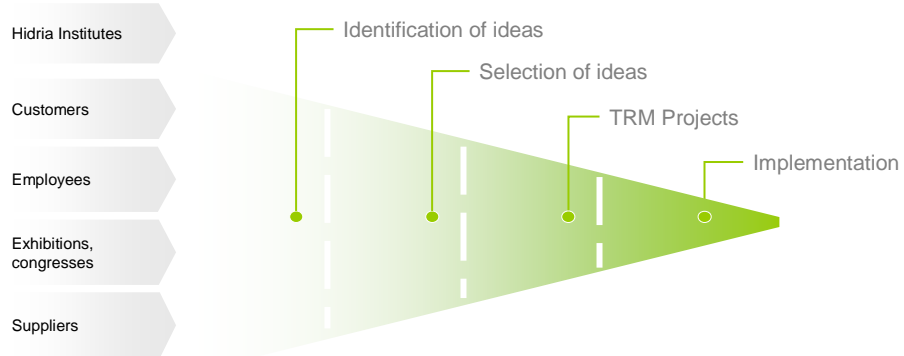
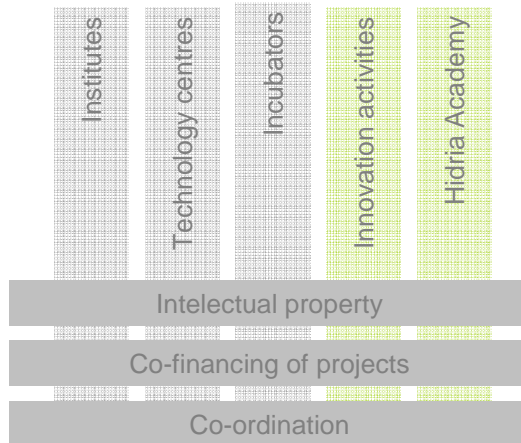
Hidria Locations in Europe



Hidria Global Locations



**Hidria Innovation Centre**



### Hidria Institute Klima

Creating enhanced indoor well-being.



### Hidria Institute Automotive

Contributing to the sustainable mobility of people and goods.



### Hidria Institute for Materials and Technologies

Creating new materials, technologies and processes for the automotive and HVAC&R industries.



### Institutions of knowledge

Arsenal Research  
Ricardo  
Joaneum Research  
AVL

### R&D departments at strategic partners

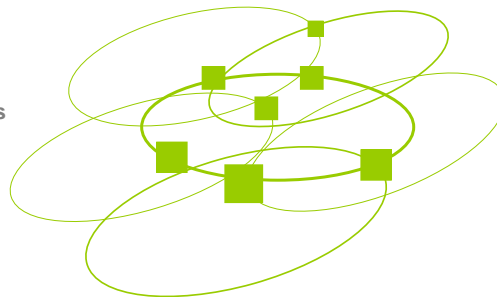
Audi  
BMW  
PSA

### Technology platforms

ERTRAC, ESTTP, STTP, SGTP,...

### Associations

EARPA, CLEPA, Eurovent, ESTIF, REHVA, IIR...



Exchange of know-how in order to create innovative breakthrough solutions





		EURO 5				EURO 6						
Compression Ignition Vehicles		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
M, N1 CI I	Type approval	Euro 4			Euro 5a 01Sep09		Euro 5b OR Euro 5b+ 01Sep11			Euro 6 01Sep14		
	First registration	Euro 4				Euro 5a	Euro 5b	Euro 5b+			Euro 6 01Sep15	

NOx , PM and CO2 emissions reduction.

Powertrain :

- Combustion cycle improvement
- Aftertreatment
- Hybridization (Stop&Start....)
- .....

Glow Plug :

- Lifetime improvement (number of cycles)
- Predictability of GP characteristics during life time
- Glowing temperature improvement
- Pressure sensor integration in GP
- availability of ceramic and metallic heater

