



# 70% off!

## Material's characterisation and modelling services

Participate to **FormPlanet Test Bed's Open Call** and access our material characterisation tests and modelling services at a reduced price.

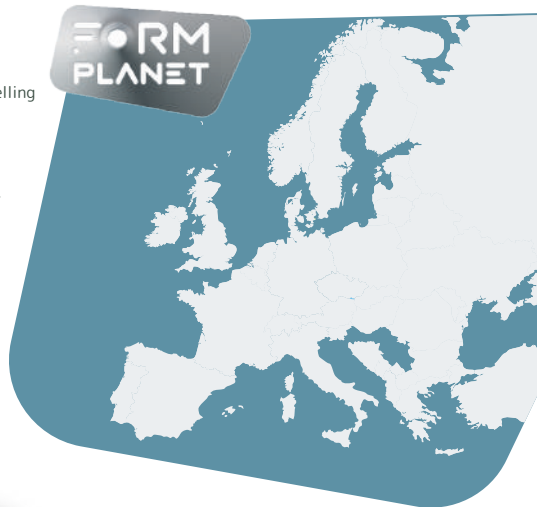
Contact us to express your interest at **info@formplanet.eu** and we will get in touch with you!

 [www.formplanet.eu](http://www.formplanet.eu)

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# Select from a wide range of services

- Edge fracture resistance tests
- Micromechanical characterisation (nanoindentation)
- Fracture toughness tests in thin and thick plates
- Fatigue tests (durability)
- Implementation of fracture mechanics based properties in FE modelling
- In-process failure detection by thermography
- Prototyping by incremental sheet forming
- Crash resistance tests
- Crashworthiness modelling
- Time and cost efficient post necking and fracture characterisation.
- Smart material data characterisation.
- Simulation methodologies for light-weight sandwich solutions
- Micromechanical characterisation (Microtomography)
- High temperature FLC-characterisation
- Quality inspection by 3MA system
- In-process monitoring by HFIM and laser tracking
- Micro-tensile tests
- Crash resistance tests
- Improved FLC with non-linear strain path
- H-embrittlement tests
- FEM H embrittlement behavior
- Industrial on-line diffusible H measurement



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The Open Call will start by mid-2020 with the collection of interest from companies and will be launched at the end of 2020. SME's working in the sheet metal forming industry will be prioritised.