

Technology Site Visit / « PAE TSV WEBINAR » #3

Thursday, July 15, from 4:00 pm to 5:30 pm
Online – Webinar in English / French

By **GDTech** (Belgium)

>> Visit of an engineering office active in the automotive field <<



TECHNOLOGY SITE VISITS PAE 'TSV WEBINAR'

AGENDA

TIME	SUBJET	SPEAKER
16.00 – 16.05	Welcome and opening	Guy Janssen, Administrator
16.05 – 16.10	Introduction	Joseph Marra, CBDO
16.10-16.40	Presentation of other GDTech activities in the automotive field (CAD support, structural calculation, fluid, optics, acoustics)	Joseph Marra, CBDO
16.40-17.00	Presentation of the activity Crash & Dynamics for equipment & light to heavy vehicles including automotive	Jeffrey Himpe, Head of Crash & Dynamics Department
17.00-17.10	Presentation of crash activities on road equipment (guardrails, passive safety posts, retractable bollards, etc.)	Jeffrey Himpe, Head of Crash & Dynamics Department
17.10-17.30	Hydrogen solutions development project (injectors, etc.)	Joseph Marra, CBDO
17.30	End of the event	



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REGISTRATION

To register for this webinar, please send your contact information (Company, Name, First Name, Position, Phone, E-mail, Company Activity) to:

- ➔ **France:** Vincent CAREL - v.carel@grandest.cci.fr - +33 (0) 6 38 80 65 17
- ➔ **Germany:** Andreas LANGSDORF - Andreas.Langsdorf@gfe.de - +49 (162) 901 60 64
- ➔ **Luxembourg:** Anthony AUERT - anthony.auert@luxinnovation.lu - +352 621 985 163
- ➔ **Wallonia:** Cendrine MARCHAL - cendrine.marchal@technifutur.be - + 32(0)496 99 59 01

After validation of your application, you will receive a link to participate in the webinar.



ADDITIONAL INFORMATION

GD TECH

GDTech is an engineering and consulting company based in Belgium and France with ~200 people active in the following areas:

- **Drafting / design support** (SolidWorks, Autocad, Plant 3D, Catia, Creo, Inventor, Revit, Electrical, Eplan, Tekla, ...)
- **Conversion of 2D plans into 3D**, updating of layout plans, realization of safety plans, piping, structural, mechanical, development of automation routines for repetitive drawing tasks, vectorization of plans, archiving, automation support, virtual reality, ...
- **Design and production of tools** (including support for CE marking) for positioning of parts or handling
- **Structural calculation** (mechanical, construction / Eurocodes, pressure equipment, vehicles, crash, defense, ...) included simulation and topological optimization
- **Fluid calculation** (ventilation, industrial filters, turbines, valves, heat exchangers, flows, mixers, ...)
- Acoustic calculation, optical calculation
- **Measurement** (3D-Scan, photogrammetry, TPS/GPS, ...) as well as 3D printing (plastic, metal, ...)
- **Calculation of luminosity and supply of LED lights** (www.gdtechlighting.com)
- **Consultancy for mechanical, fluid or acoustic tests and interpretation of results** (real static, fatigue, dynamic, flow, sound tests, ...)
- **Provision of consultants on customer site**: various profiles (draughtsmen, calculation engineers, project engineers, maintenance support, LEAN/5S, technical documentation writing, ...)

GDTech is particularly active in the automotive field by performing structural, fluid, acoustic and optical studies for its clients. These studies range from the realization of finite element calculations in fast dynamics (crash, ...) to the realization of fluid studies of aerodynamics or optics aiming at validating a perfect lighting of a logo in a door.

GDTech's clients in the automotive field can be vehicle manufacturers, large or small series, equipment manufacturers, but also road equipment manufacturers or even automotive experts wishing to understand the causes of certain accidents. GDTech's core business is the realization of finite element studies, but it can also be involved in different stages of its clients' developments such as CAD support, the realization of complex parts (hydrogen injectors, handling equipment, ...) or the realization and supervision of experimental tests.



ADDITIONAL INFORMATION

GDTech general brochure:

https://drive.google.com/file/d/14tSNS_EG9YnVuzVCpxLC_WXAPi8lhQjz/view

More videos on our YOUTUBE channel :

https://www.youtube.com/channel/UCGKdWF3IEmQA00-yGlr_hQA

