Workshop 4 - Rethinking and Refinement of Risk Assessment
Integrating OSH information processes

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Global Environment, Health & Safety and Sustainability
Delphi Technologies

Safety and health at work is everyone’s concern. It’s good for you. It’s good for business.
Delphi Technologies

Who we are

Delphi Technologies

As a global advanced propulsion systems and aftermarket solutions provider, we combine expertise, flexibility and determination to solve our customers’ toughest challenges. It’s in our DNA.

Drive cleaner
We assist our customers to deliver vehicles with cleaner emissions, better performance and drive further on any source of power.

Drive better
We are utilizing data enabled by automated and connectivity technologies already in cars today to improve propulsion efficiency, safety, range of all vehicles.

Drive further
Our comprehensive portfolio addresses a broad range of propulsion needs across a range of light duty and commercial vehicle applications; enabling quick-to-market solutions for long-term viability.

www.healthy-workplaces.eu
BlueMatter is the next generation of intelligent propulsion systems, solutions and capabilities from Delphi Technologies. Together with our partners, we are working to deliver vehicles with cleaner emissions, better performance and that drive further on any source of power.

- Combined power electronics
- 500 bar GDI
- Propulsion controller
- 3000 bar Diesel CV
- Intelligent driving
- GDI service program
“Creating a better world doesn’t just happen. It’s a planned pursuit.”

— Richard F. Dauch, CEO
Risk Assessment → a planned pursuit

Planned pursuit - healthier and safe workplace

Requirements for risk assessments

OHSAS 18001 / certified since 2008

Safety Alerts / Safety Pyramid since 2016
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Safety Roadmap – Communication safety alerts / incidents*

*small injuries/illnesses and near misses

Safety Pyramid
Safety Alerts, Communication & Problem Solving Culture

GREAT communication on safety alerts & problem solving increased 45% in 2018

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Lost Work Day cases

<table>
<thead>
<tr>
<th>Year</th>
<th>LWD: nb of cases</th>
<th>Annual rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>30</td>
<td>0.167</td>
</tr>
<tr>
<td>2015</td>
<td>20</td>
<td>0.111</td>
</tr>
<tr>
<td>2016</td>
<td>23</td>
<td>0.130</td>
</tr>
<tr>
<td>2017</td>
<td>23</td>
<td>0.136</td>
</tr>
<tr>
<td>2018</td>
<td>17</td>
<td>0.087</td>
</tr>
</tbody>
</table>

50% improvement 2014-2018

Reach 1 digit in 2021
50% reduction 2018-2022

*2018:
- 14 cases for the comparable same existing sites 2014-2018
- 17 cases starting to include the new sites in 2018.
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Safety Roadmap – Communication safety alerts / incidents*

*small injuries/illnesses and near misses

300% GREAT improvement on the identification, communication and problem solving of small injuries/illnesses and near misses
Rethinking and Refinement of Risk Assessment ➔ the challenge
Integrating OSH information processes

2018
12500 safety alerts
- 1000 alerts per month
- 35 alerts per day
- 650 alerts per site
- 55 alerts per month per site
- 2 alerts per month per site

- FMEA based risk assessment
- OHSAS18001/ISO45001
- equipment’signoffs, etc..

Integrating OSH information process
real time, online tools, connect safety alerts to risk assessments
real time risk assessment management & management information

different variables / 'types of hazards and risks'

What’s really worth doing next?

Rethinking and Refinement of Risk Assessment
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Thank you for your attention!

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