

Innovation in Railway Systems

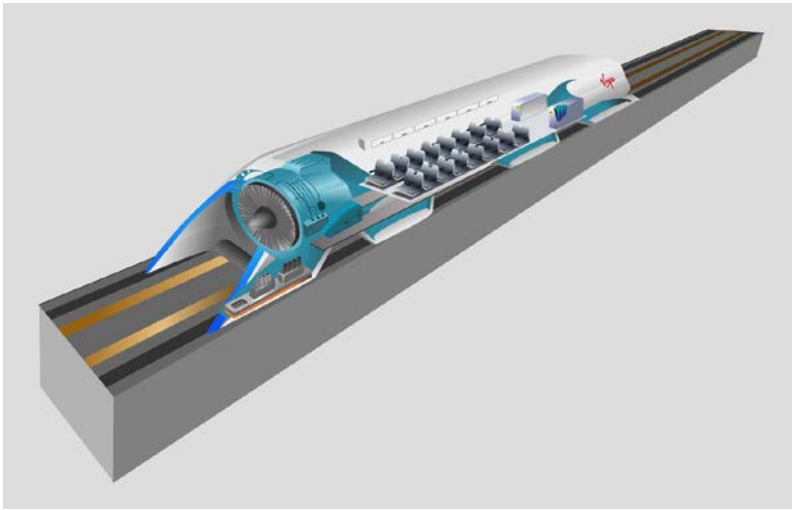
Innovation@CFL

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Innovation in Railway Systems

I will not talk about ...



By Camilo Sanchez - Own work, CC BY-SA 4.0,



via Boston Dynamics



source HuffingtonPost.co.uk



DLR.de - NGT Cargo Train

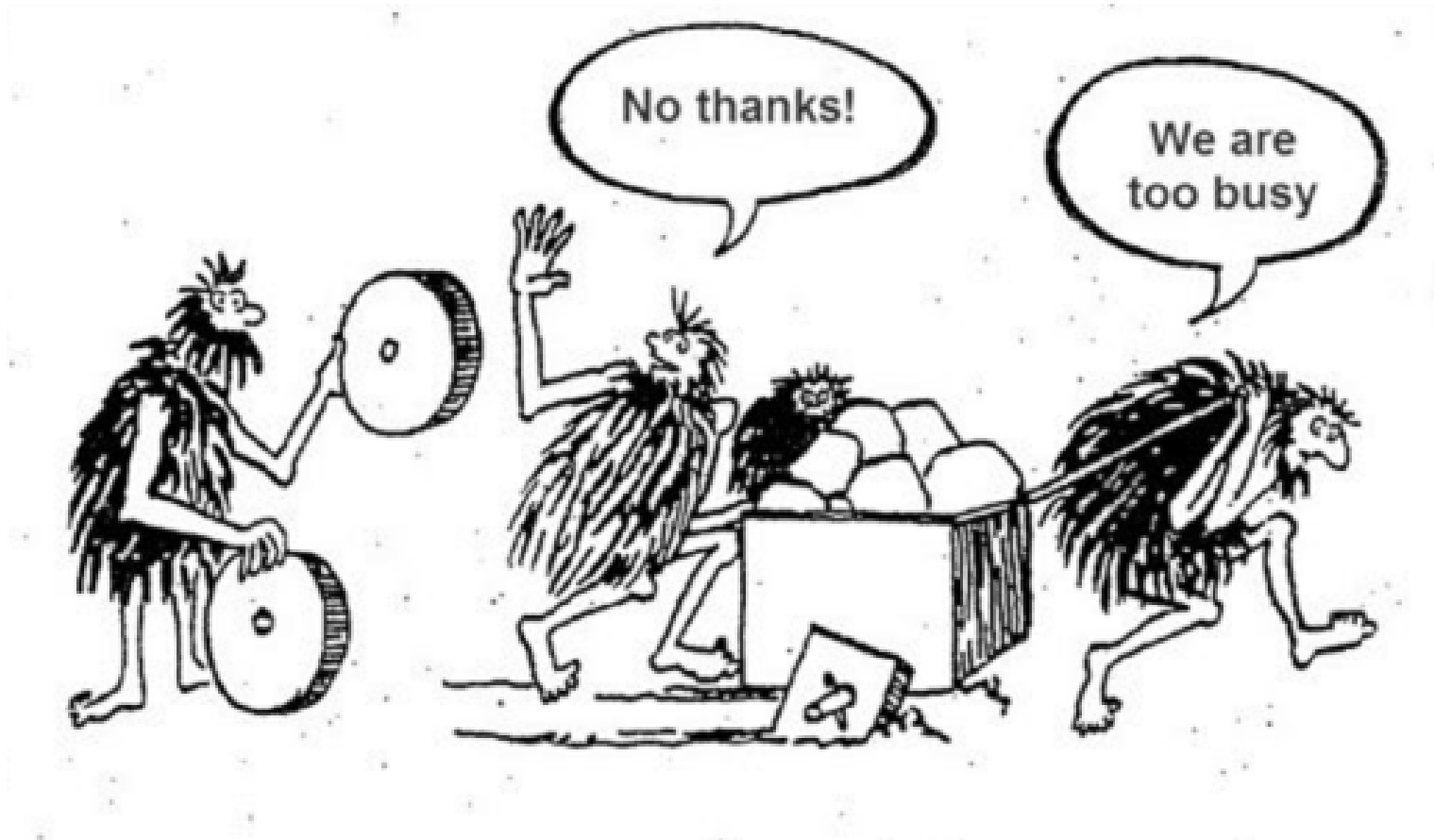
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1. **STRONG GROWTH IN DEMAND**
 2. **LACK OF CAPACITY**
 3. **DIGITAL TRANSFORMATION**
 4. **INTERNATIONALIZATION**
 5. **COMPLIANCY / REGLEMENTATION**
 6. **EVOLUTION OF CLIENT EXPECTATION**

CFL Group – current projects



1. **DIGITAL TRANSFORMATION**
2. **CULTURE**
3. **CHANGE MANAGEMENT**
4. **COMPLIANCY**
5. **IT SECURITY**
6. **GOUVERNANCE / SHADOW IT**
7. **DATA**
8. **PROJECT MANAGEMENT**
9. **TODAY'S WORKPLACE IS CHANGING**
10. **SLA / KPI / HA**
11. **LACK OF RESSOURCES**

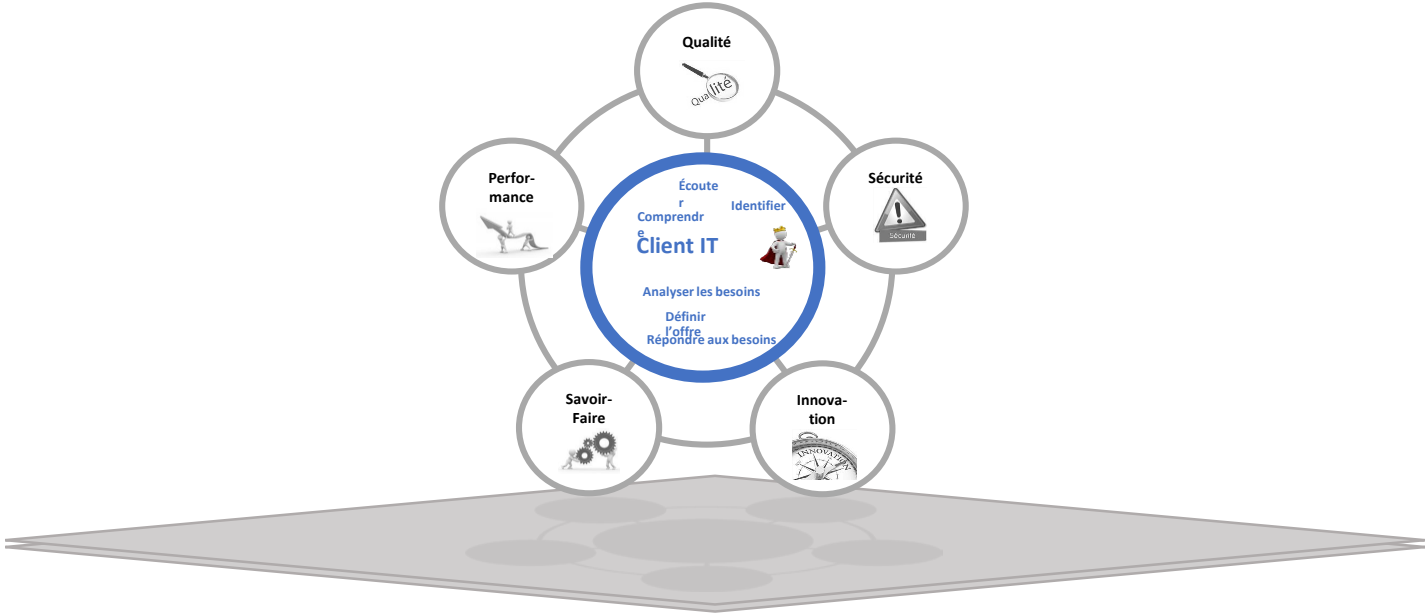
Why transform ?









“IT TAKES CHANGE TO MAKE CHANGE”

Silicon Valley Quote



 Core	 Innovation	 Compliance	 Risk
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Innovation – some CORE elements



Processes AND Technology



Ideation



« up-scaling »



Collaboration

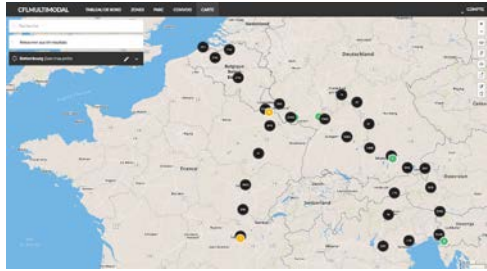
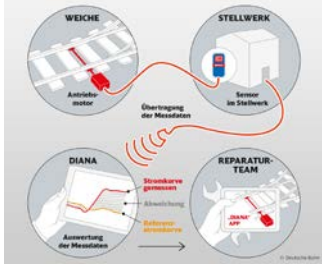
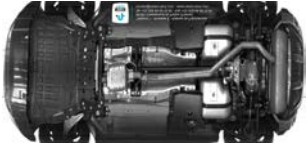
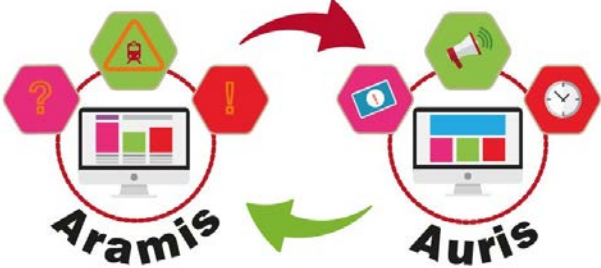
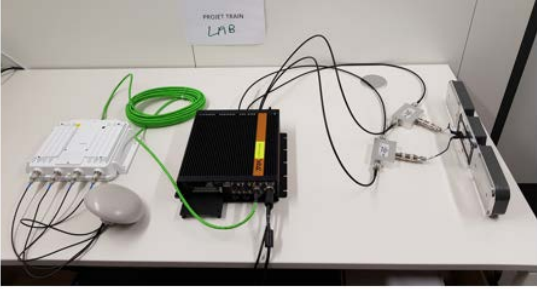


Enterprise Culture



Mindset

CFL Group – our current initiatives



“Thou shall not develop what the customer do not ask for”

(Startup Rule)



BUT : “Be prepared when he asks”





Digital
Lëtzebuerg

MERCI POUR VOTRE ATTENTION

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