



FPT Industrial IoT For Material Efficiency

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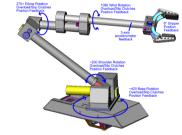


IoT as enabler for material efficiency



Mobility	 Digital Flight Map for pilot 70 pounds paper to 1.5 pound of ipad Less \$1.2 million per year on fuel costs for American Airlines 	
GE Predix, Cloud, Bigdata	 Predictive Maintenance for Robot Arm Save cost Last Longer 	The first former of the first second s
Digital Twin	• Smart Wind Turbine 10% increase in production with Digital Wind Farm	















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Summary



Material as a Service **Jack Elliott** useful life **Andrew Reynolds Smith** <10% Preventive to Extend to > Material Smart Cognitive Predictive 30 years Genomics Healer Material Maintenance ÷ i..... Sustainable/ MaaS Smart/Save Material IoT **4**..... Disrupt ;··• **4**..... and Shared ---------..... IoT 2.3 Mil Data driven connected **4**..... Innovation car **Biz Model** Push/Pull/ Innovation **4**...i 5....**>** Analytics **4**......i Customer 120K km · · · · · · • • Expectation tested

Over 70% of pipes that are replaced have remaining

40% of today top incumbents will be replaced in 5 years Margarethe WIERSEMA 4-6% Gain in Fuel Economy **Maxime PICAT**



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