



Exigence
Technologies™

Where Clean is Critical

SymbiCoat™ Smart Antimicrobial Coating Systems

Zach Wolff, CEO

(Super)Bug Problems in Food, Water, Industry?

Foodborne Illness
Antimicrobial Resistance
Infrastructure Degradation
Biofilms
Corrosion



(Super)Bug Problems in Food, Water, Industry?

Foodborne Illness
Antimicrobial Resistance
Infrastructure Degradation
Biofilms
Corrosion



**“OVER 100 TONS OF MEAT
RECALLED BY GERMAN
COMPANY”**

Food Poisoning News, 30 May 2016



(Super)Bug Problems in Food, Water, Industry?

Foodborne Illness
Antimicrobial Resistance
Infrastructure Degradation
Biofilms
Corrosion



**“OVER 100 TONS OF MEAT
RECALLED BY GERMAN
COMPANY”**

Food Poisoning News, 30 May 2016

**“For First Time Ever,
Superbugs Found In
[France’s] Drinking
Water”**

Water Online, 29 Aug 2016

(Super)Bug Problems in Healthcare?



(Super)Bug Problems in Healthcare?

“Superbugs to kill 'more than cancer' by 2050”

BBC News, 11 Dec 2014



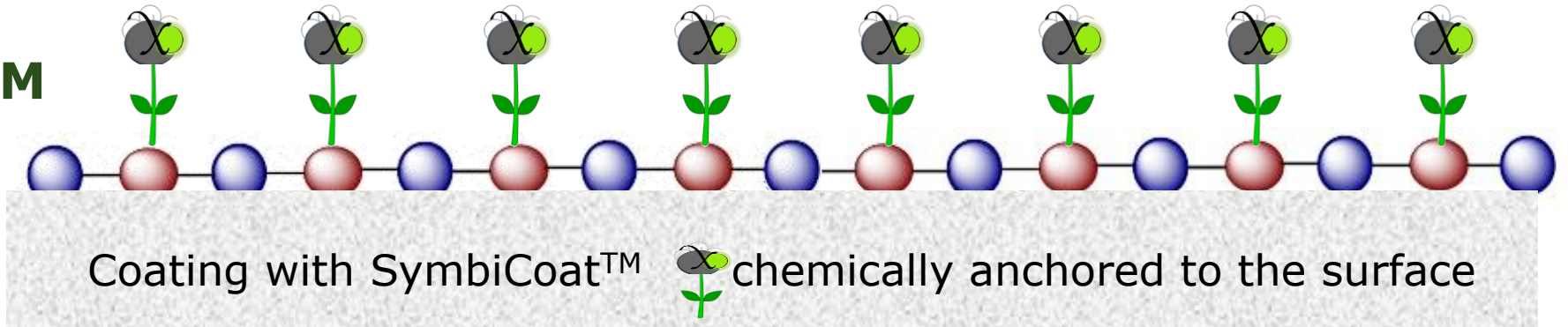
“Antibiotic resistance now 'global threat', WHO warns”

BBC News, 30 Apr 2014

“Three million Europeans catch infections in hospital annually”

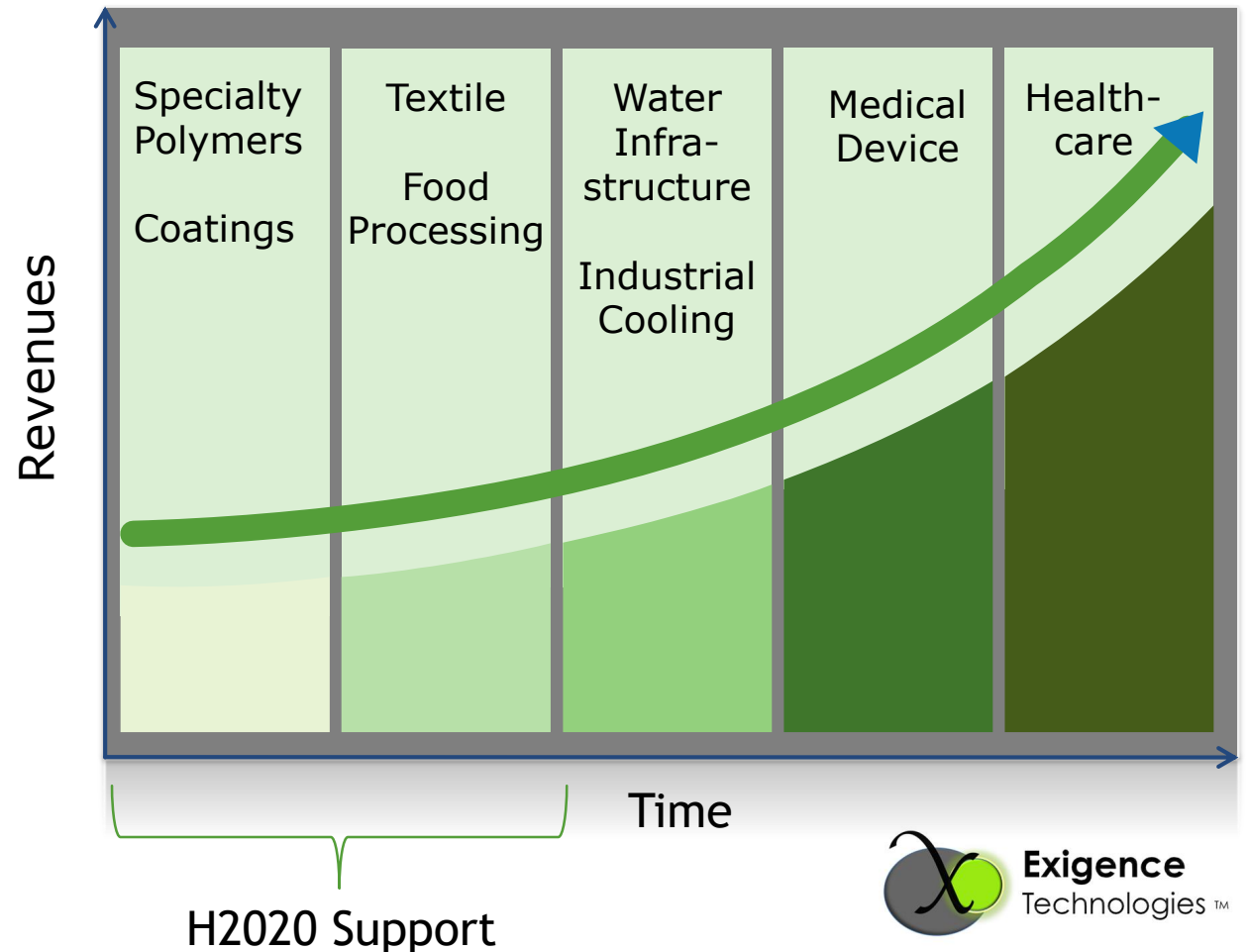
Reuters, 4 July 2013

SymbiCoat™ Monomers



Specialty Chemicals with a Unique Value Proposition

- ▶ Radically faster kill than market-leader
- ▶ Lower cost structure than silver
- ▶ Rechargeable
- ▶ No microbial resistance
- ▶ Combats protein adsorption
- ▶ Non-leaching
- ▶ Versatile



Value for the Partner

Capitalize on Growth in "Smart Coatings"

New Market Segments

Improved Sustainability

Bolt-On Innovation

Strong Global IP Protection

License or Supply

Regulatory Advantage

Cross-BU Potential

Functional Coatings market expected growth from \$2.5B in 2016 to \$35B by 2025.

Antimicrobial coatings will account for ~16% of this market¹

Materials Evaluation ongoing with multinationals in:

- ▶ Top 5 Global Coatings
- ▶ Top 5 Industrial Hygiene
- ▶ Two Top 10 EU Specialty Chemical
- ▶ Top 20 US Chemical

¹ Gasman, Lawrence, n-Tech Research, data presented at Coatings Trends & Technologies Keynote Address, Sept 2016



www.exigencetechnologies.com

Exigence Technologies France
Exigence Technologies UK Ltd
Exigence Technologies Inc (Canada)



Proud to be a Recipient of EC Horizon
2020 Phase I & II Funding



Conference Speaker –
Antimicrobial Coatings Stream