

3M New Ventures

Venture Capital Stammtisch | 14.09.2011

A decorative background featuring a large red arc on the left side and several orange squares of varying sizes on the right side, set against a light gray background with horizontal lines.

3M New Ventures

Imagining the Future

Stefan Gabriel | President 3M New Ventures

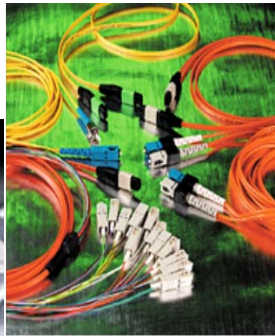
Company Overview 3M

Six Market-Focused Businesses / 40 Business Units



Consumer & Office

Display & Graphics



Fiber Optic Solutions

Electro & Communications

Safety, Security & Protection Services



Health Care

Industrial & Transportation



Facts & Figures worldwide (2010)

- Sales: \$ 30 B
- Net income: \$4.1 B
- >100,000 employees

Global Footprint

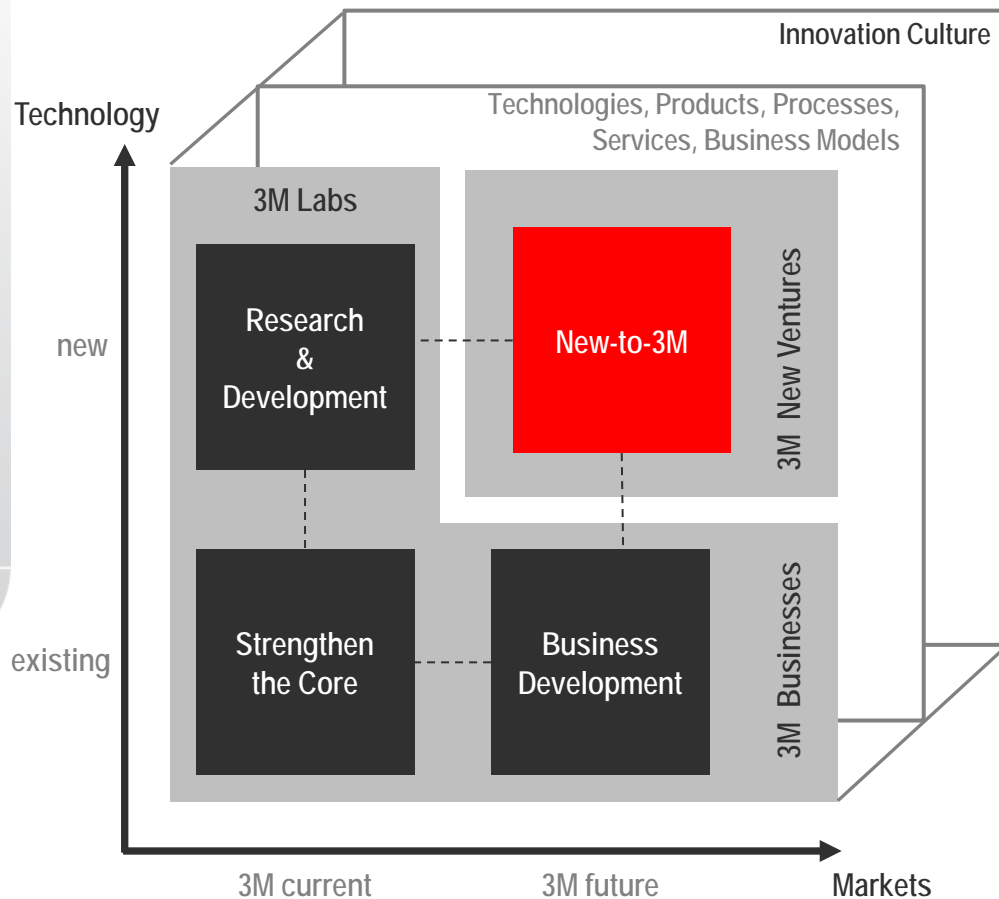
- Sales outside the USA > 65%
- Operations in more than 65 countries
- Laboratories in 35 countries
- Manufacturing sites in 35 countries
- Sales in 180+ countries

- 45 technology platforms with > 80,000 Products



New Ventures is a vital part of 3M's innovation strategy

Identifying and investing in disruptive early stage technologies and business models to further extend 3M's global innovation leadership.



3M New Ventures

- New and disruptive technologies, services and business models
- Stimulate strategic growth by venture investments with a focus beyond 5 years

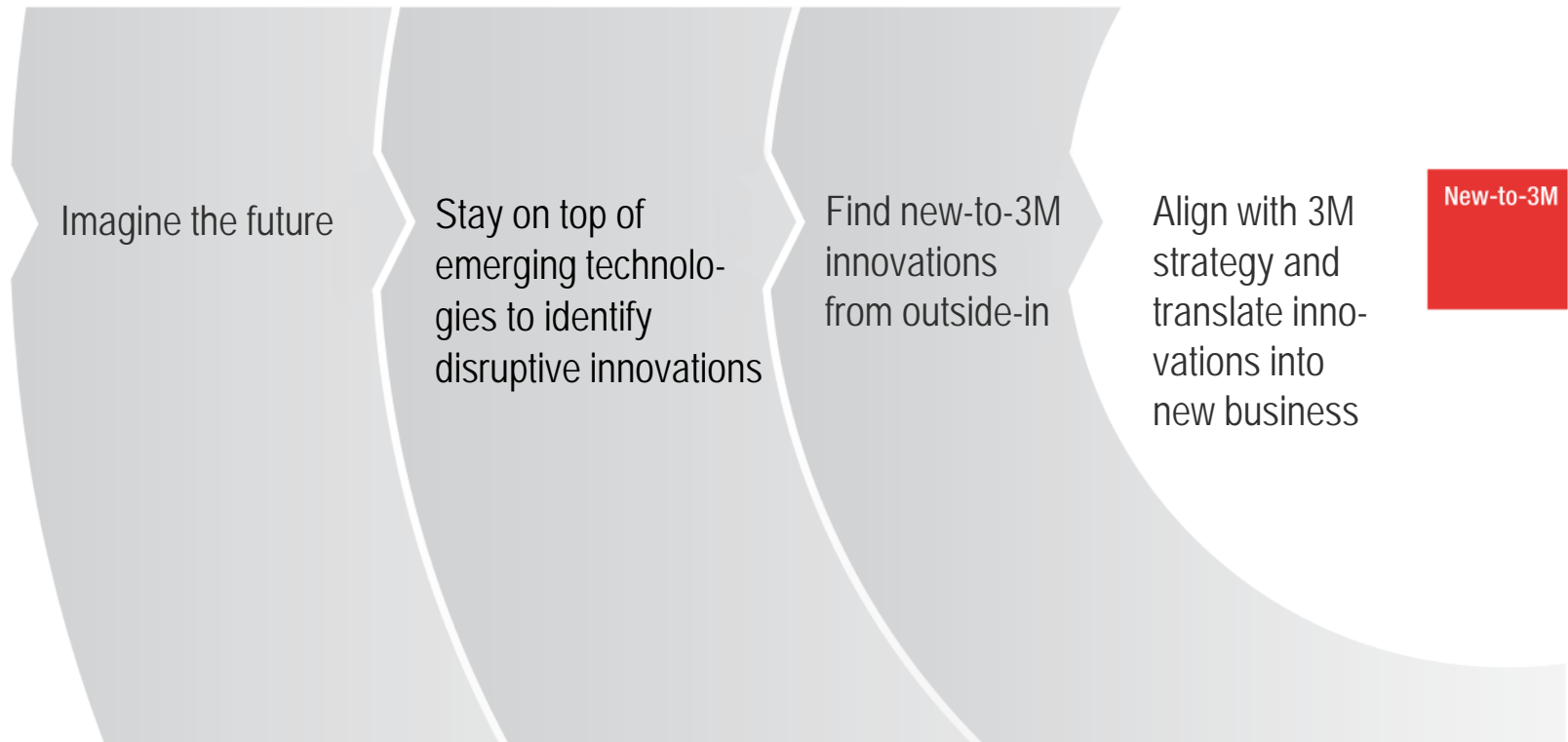
3M Business Units / Labs

- Leveraging and expand 3M's core technologies and markets
- Organic growth and M&A with a focus of up to 5 years

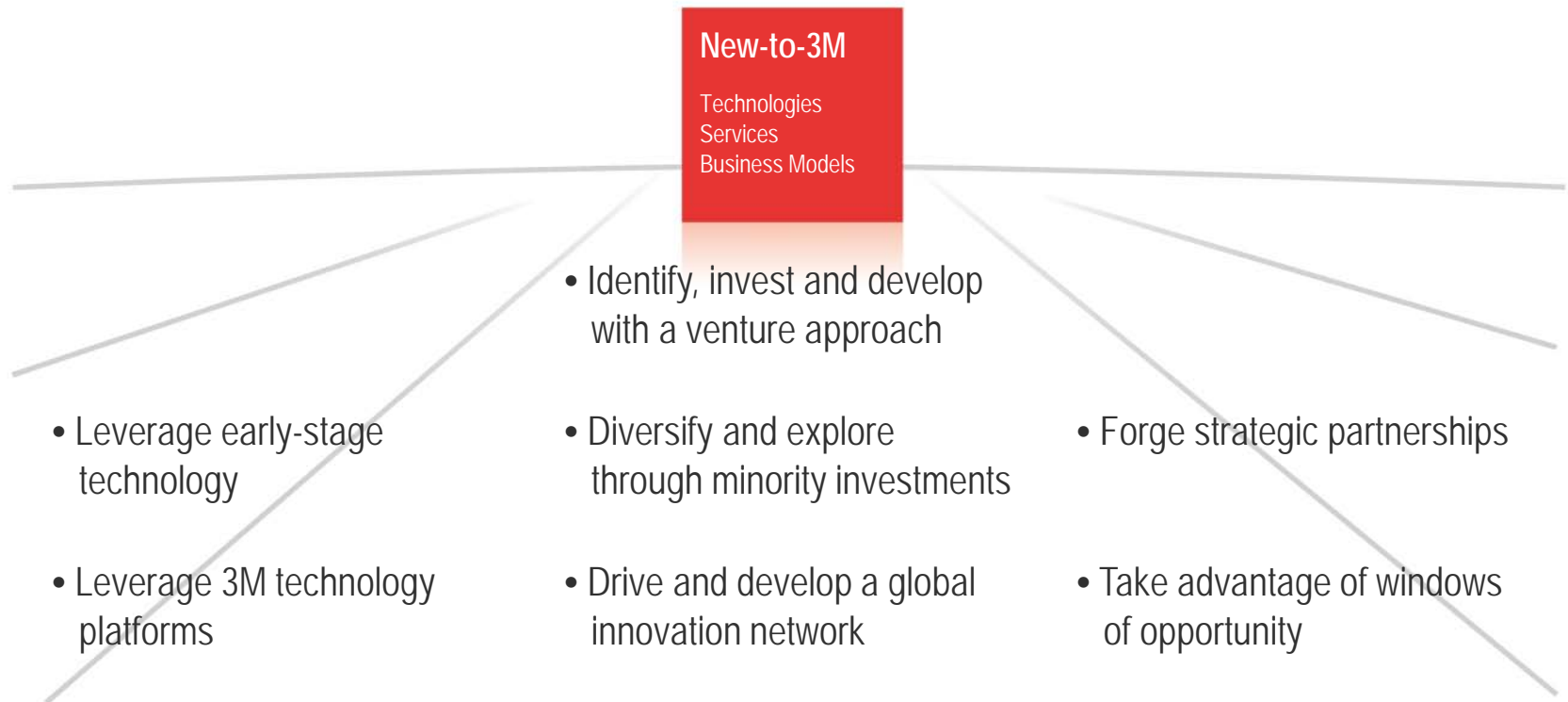


3M New Ventures – Mission

Stimulate and realize Innovation to strengthen
3M's position at the leading edge of global innovation



New Ventures contributes to 3M's future market position



Successfully executed investments

Safety & Security

- Tracking & Tracing
- Access Control & Biometrics
- Smart Video Surveillance
- Protection & Shielding
- CBRN Threat Detection & Removal
- Disaster Relief / Emergency Response

Architecture, Light & Living

- Green Building Technologies
- Intelligent Lighting
- Bio-based Materials
- Energy Conservation

Electronics, IT & Media

- Mobile Media
- Multi-Touch
- Electronic Content / E-Reading
- Home Automation
- Digital out of Home / Digital Signage
- Printed Electronics

3M New Ventures

Mobility & Transportation

- eMobility
- Fuel Cells
- Automotive Media / Window Projection

Health

- Home Healthcare / Telehealth
- Healthcare Information Systems
- Drug Delivery / Infect. Prevention
- Dental Care
- Diagnostics, Health sensors

Energy, Sustainability & Water

- Smart Grid / Energy Management
- Energy Storage
- Carbon Recycling / Nanomaterials
- Solar & Wind Energy
- Biofuels / Renewable Chemicals
- Water Treatment
- Water Infrastructure

motionID

RFID-tag-on-car-based access and payment solution

motionID AG (Munich/Germany)

motionID

"RFID based technology to facilitate mobile payments with cars"



Focus Area: **Safety & Security**

Segment: **Track and Trace; Payments Systems**

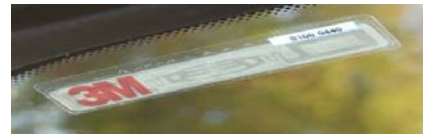
12/2010

USPs

- Use your car like a credit card – no payment hassle for consumers
- "Barrier free" individual mobility
- Low-cost passive RFID Tags
- Secure and fast recognition
- Convenient for customers and operators



Windshield tag



Current Developments

- Joint project with AUDI
- Pilot project with fuel-stations being initiated
- Roll-out plan with over 60 parking sites within next 18 months



Application areas across the mobility value chain



Naporo

Cattail – 100% environmental sustainability

Naporo GmbH (Moosdorf/Austria)

12/2010



“Utilizing typha (cattail) fibers for thermal and sound insulation”



Focus Area: **Sustainability, Architecture, Light & Living**
Segment: **Bio-based Materials**



Cattail (Typha Latifolia)

Porous structure

Applications & Industries

- Construction & Architecture (thermal and sound insulation)
- Automotive – fillers / insulation / interior (► automotive suppliers)
- Furniture / design (substitution of wood/hemp)



PLA-bound mat



Fiber "monosite"



3M New Ventures

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Investing in new-to-3M innovations

