



CONNECTED THINGS

THE WORLD GETTING WIRELESS

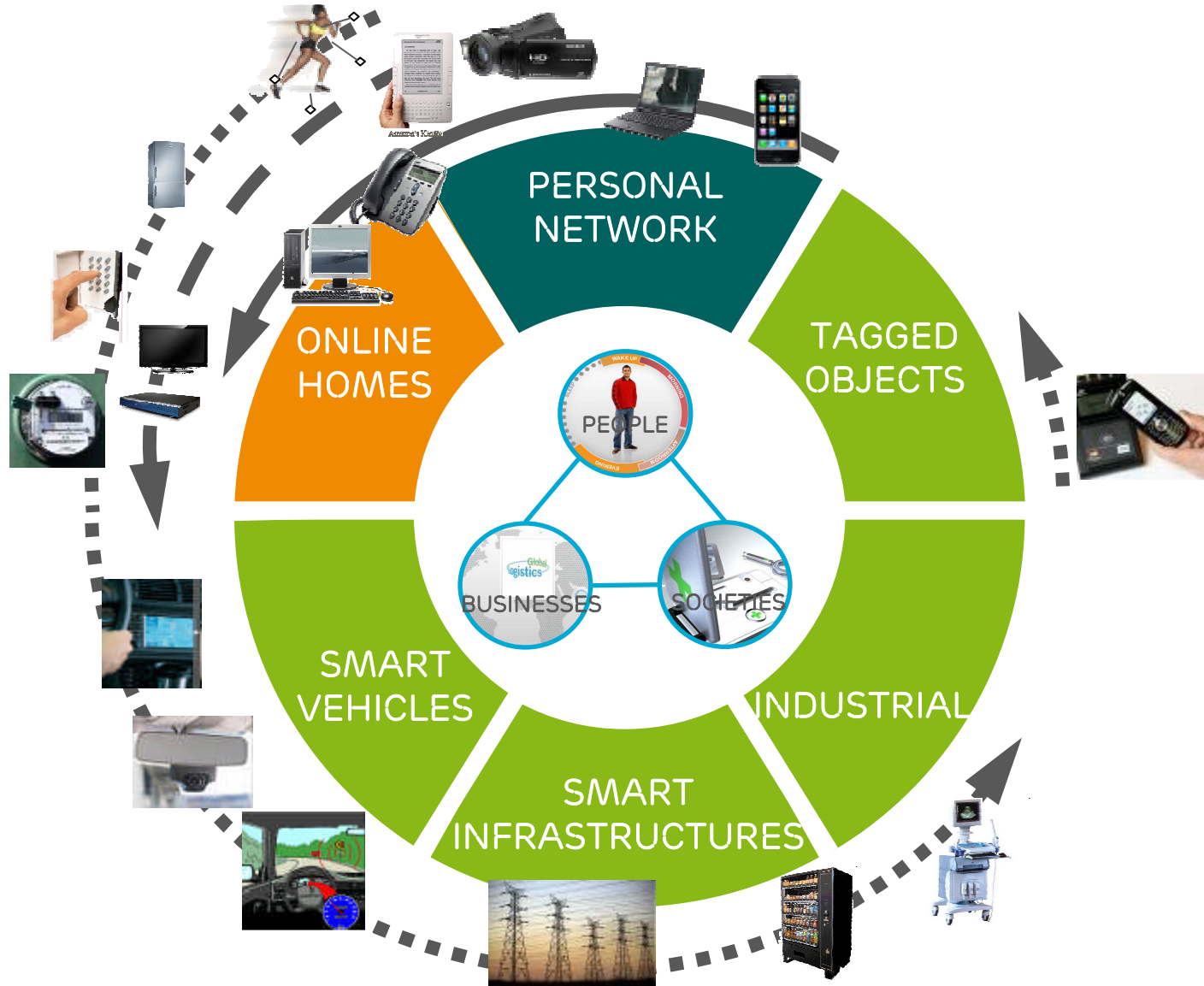
MARTIN KÖRLING

ERICSSON RESEARCH

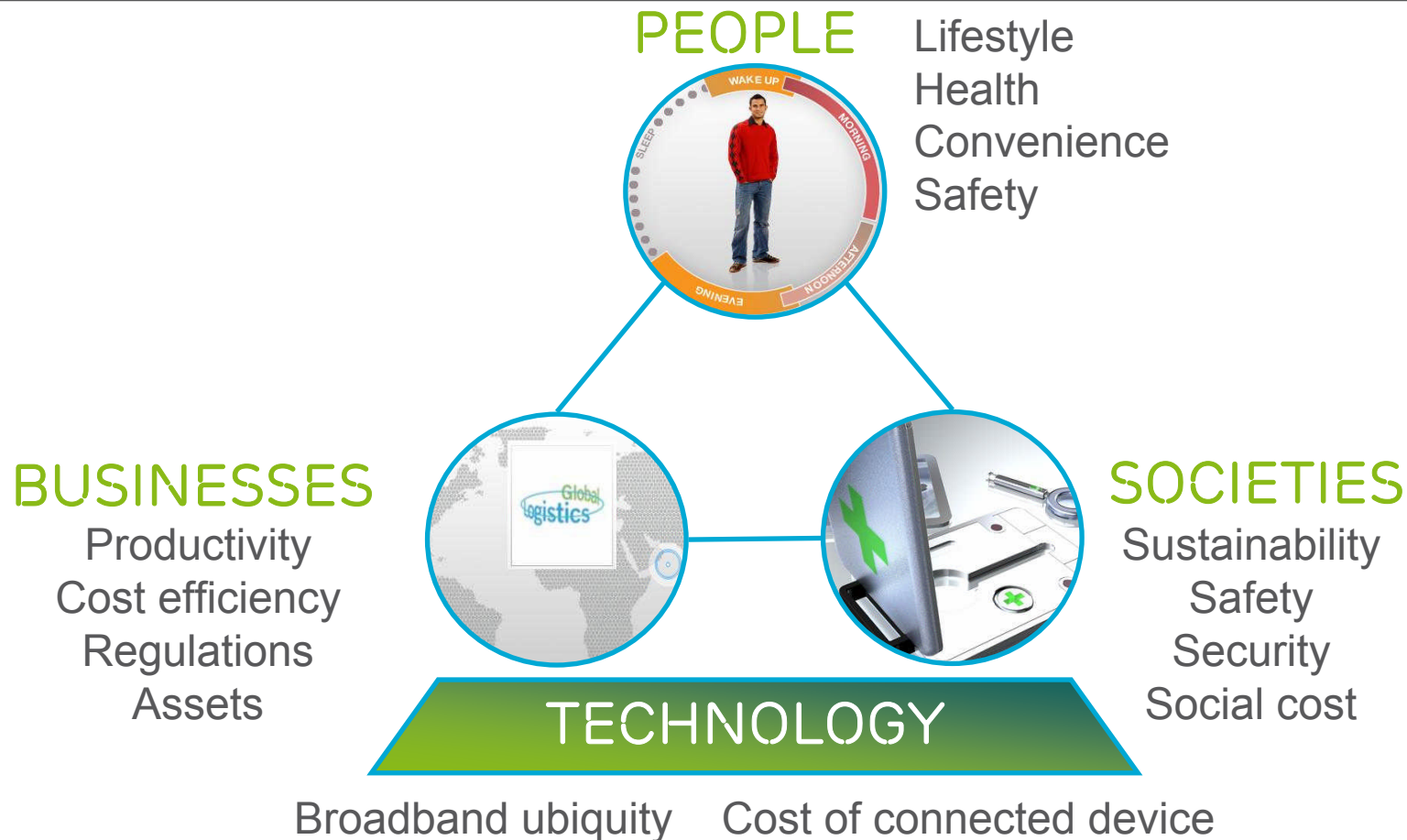
THE WORLD IN 2020



CONNECTED THINGS



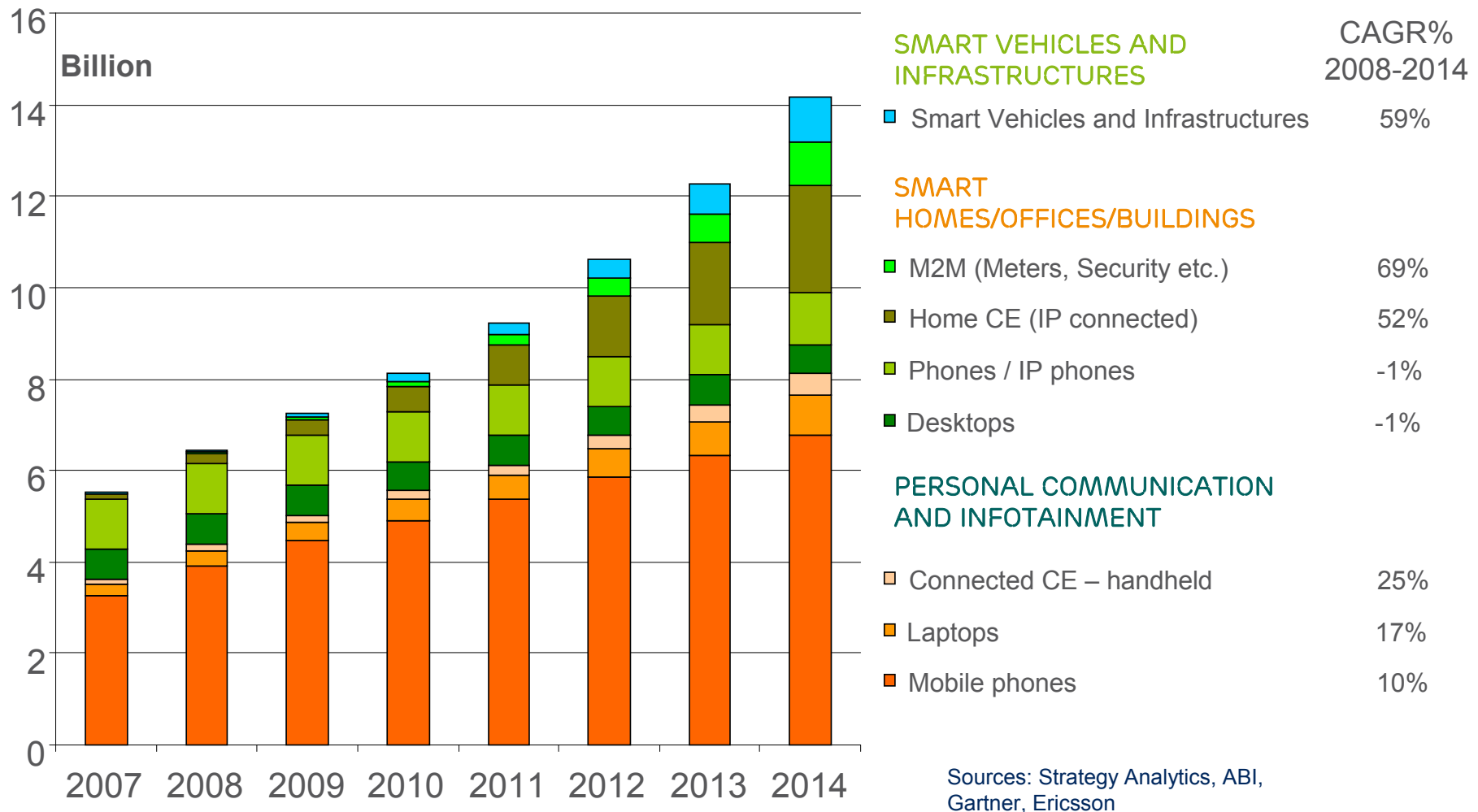
DRIVERS FOR CONNECTED THINGS



Everything that benefits from
a network connection will have one

FORECASTS SUMMARY

Connected devices worldwide



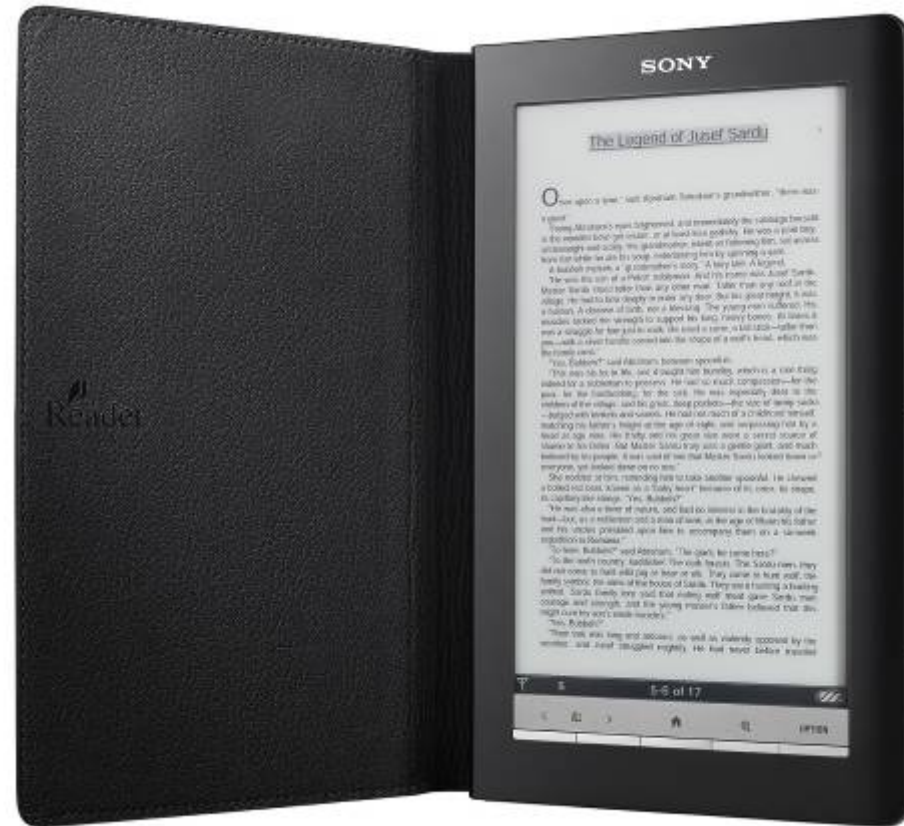
MODULES FOR DEVICES SCALE ADVANTAGE OF 3G/HSPA/LTE



Modules getting smaller,
volumes getting larger,
cost getting lower

SONY READER DAILY EDITION

- Connected with 3G/HSPA
- Connectivity by AT&T
- No charge to consumer



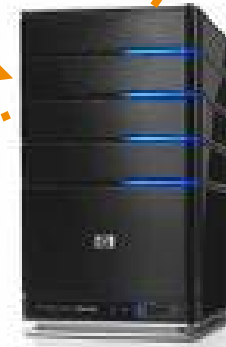
CONNECTED CARS



Vehicle integration



Navigation



Real Time
Traffic
Information
Server

Mobile
phone



Traffic
Mgmt
Center





China
Agricultural
University



Multi-parameter water quality collection node on-site installation



China
Agricultural
University



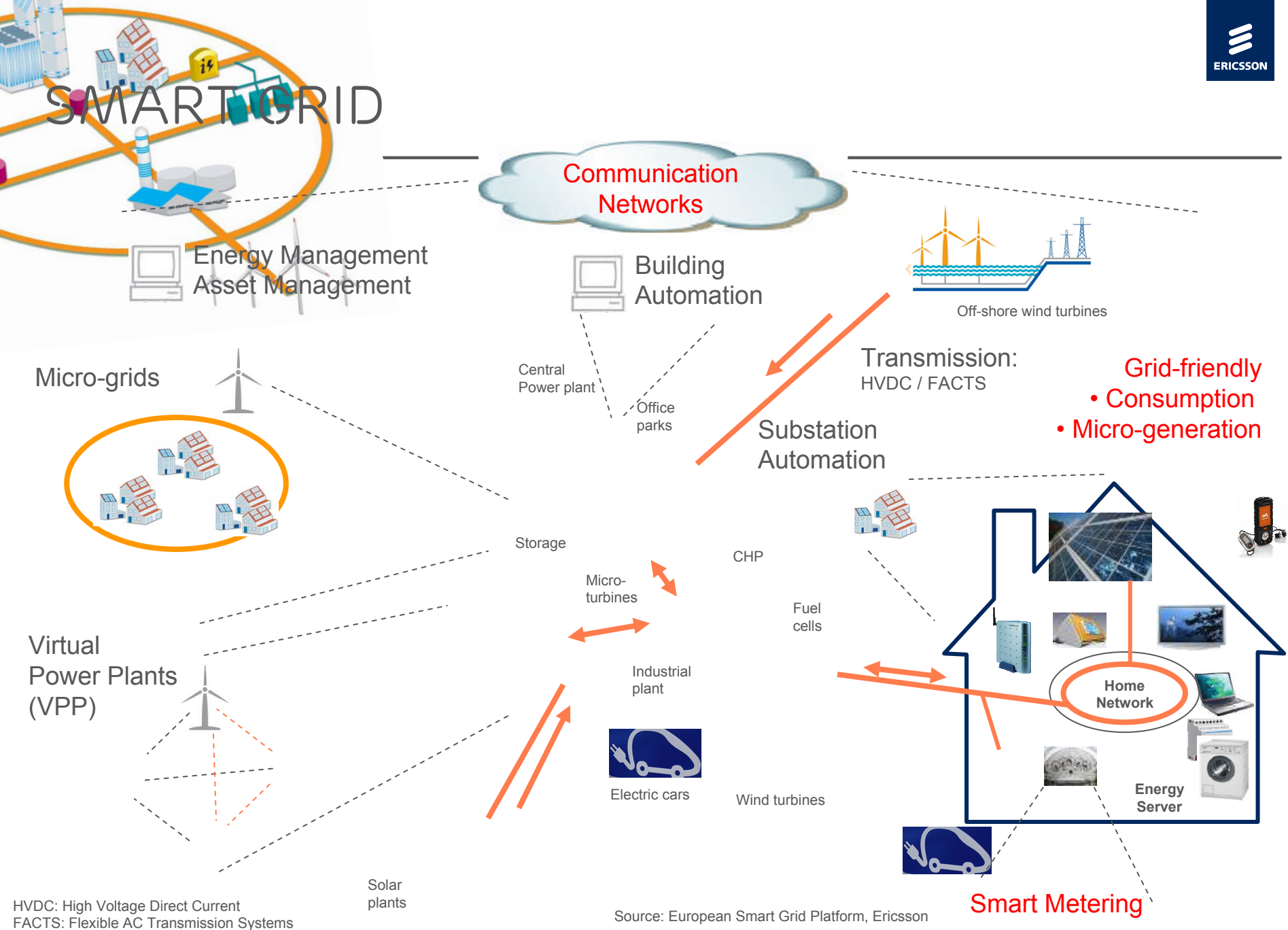
Wireless Valve Control Terminal



China
Agricultural
University



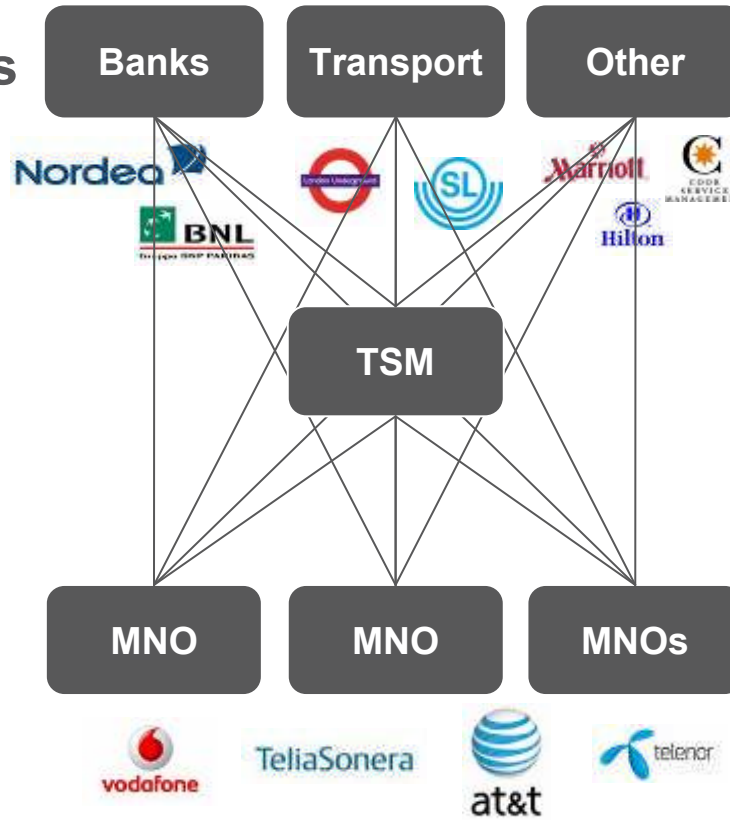
Mobile system for
fish disease diagnosis



TRUSTED SERVICE MANAGER (TSM)

NFC BROKER

Service Providers

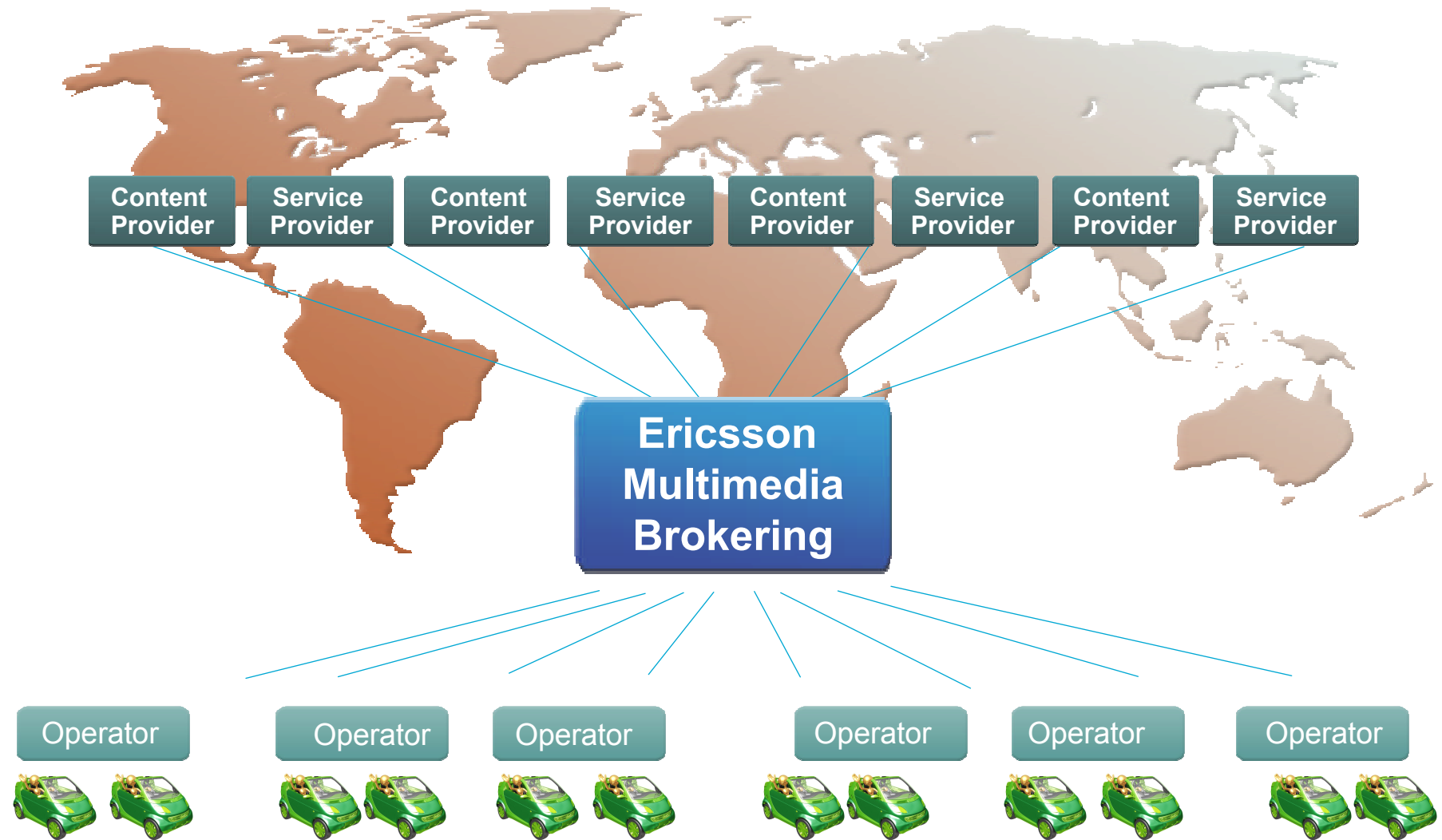


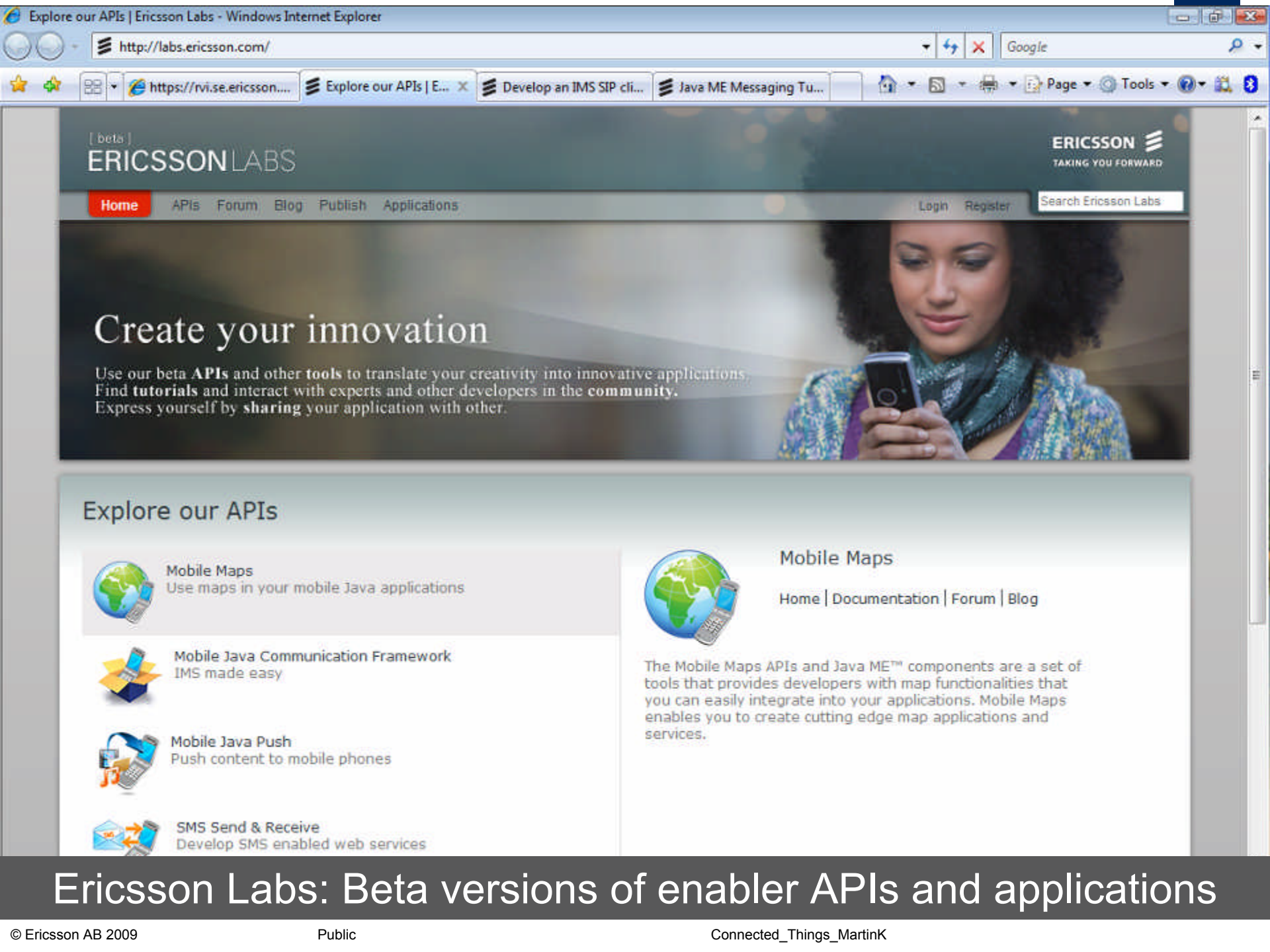
NFC-enabled
mobile phone

Operators

BUSINESS MODELS

GLOBAL CONNECTIVITY AND SERVICE ENABLERS





Create your innovation

Use our beta **APIs** and other **tools** to translate your creativity into innovative applications. Find **tutorials** and interact with experts and other developers in the **community**. Express yourself by **sharing** your application with other.



Explore our APIs



Mobile Maps

Use maps in your mobile Java applications



Mobile Java Communication Framework

IMS made easy



Mobile Java Push

Push content to mobile phones



SMS Send & Receive

Develop SMS enabled web services



Mobile Maps

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The Mobile Maps APIs and Java ME™ components are a set of tools that provides developers with map functionalities that you can easily integrate into your applications. Mobile Maps enables you to create cutting edge map applications and services.

Ericsson Labs: Beta versions of enabler APIs and applications

SUMMARY

- › Device modules; volumes and cost is key; 3G/HSPA/LTE
- › Mobile non-phone devices closing up on mobile phones in numbers
- › Consumer gadgets, cars, emerging markets, smart grid, NFC
- › New business models; embedded connectivity, brokering
- › Ericsson innovation; labs.ericsson.com



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