



ST's Globalization Strategy For Continuous Innovation

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STMicroelectronics N.V. : At a Glance

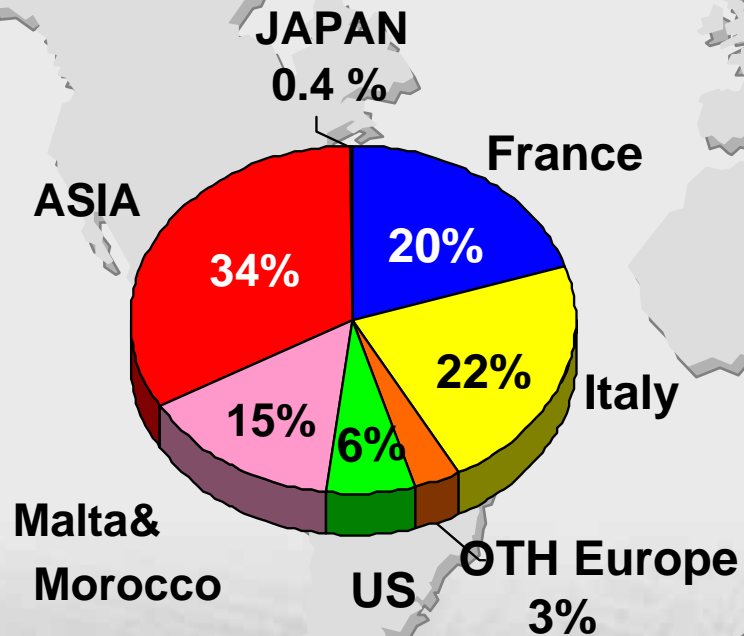
- ❑ Established in **1987** by the merger with **Thomson-Semiconducteurs** (French) and **SGS Microelettronica** (Italian)
- ❑ Head Quarters : Netherlands, Amsterdam
- ❑ Head Office : Geneva
- ❑ 1987 YT Sales : **\$863 Million** (W/W Ranking **#14**)
2004 YT Sales : **\$ 8.76 Billion** (W/W Ranking **#6**)
- ❑ Net Profit 1987 : **(\$203M)** 2004 : **\$601M**
- ❑ Close to **50,000** Employees

A Global Semiconductor Company

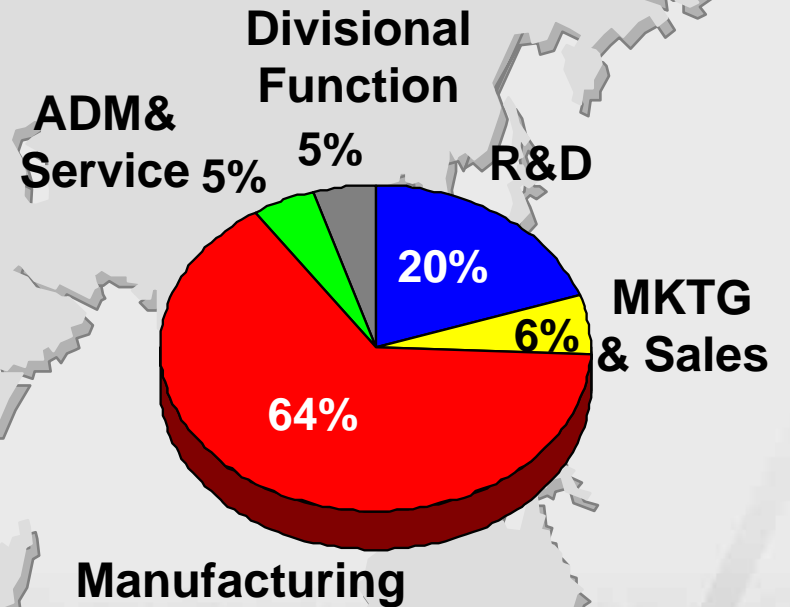


Employee Structure

Employee by Geographic Area



Employee by Activity



The Organization

President & CEO
C. Bozotti

COO
A. Dutheil

CEO
C. Bozotti

SALES & MARKETING

Asia Pacific
J.C. Marquet

Emerging Markets
F. Guibert

Europe
E. Villa

Japan
M.L. Cassis

North America
R. Kazerounian

Greater China
R. Krysiak

MANUFACTURING & TECHNOLOGY R&D

Back-End Manufacturing
G. Seragnoli

Front-End Technology R&D & Manufacturing (FTM)
L. Bosson

PRODUCT GROUPS

Automotive (APG)
U. Carena

Computer Peripheral (CPG)
G. Bertino

Home Personal Comm. (HPC)
P. Geyres

Memories (MPG)
M. Licciardello

Micro Linear Discrete (MLD)
C. Papa

Subsystems (SPG)
G. Seragnoli

STAFF FUNCTIONS

CFO
C. Ferro

Communication
C.E. Ottaviani

Human Resources
P. Chastagner

Infrastructures & Services
O. Kosgalwies

Strategy & System Techno.
A. Cuomo

TQCR
G. Auguste

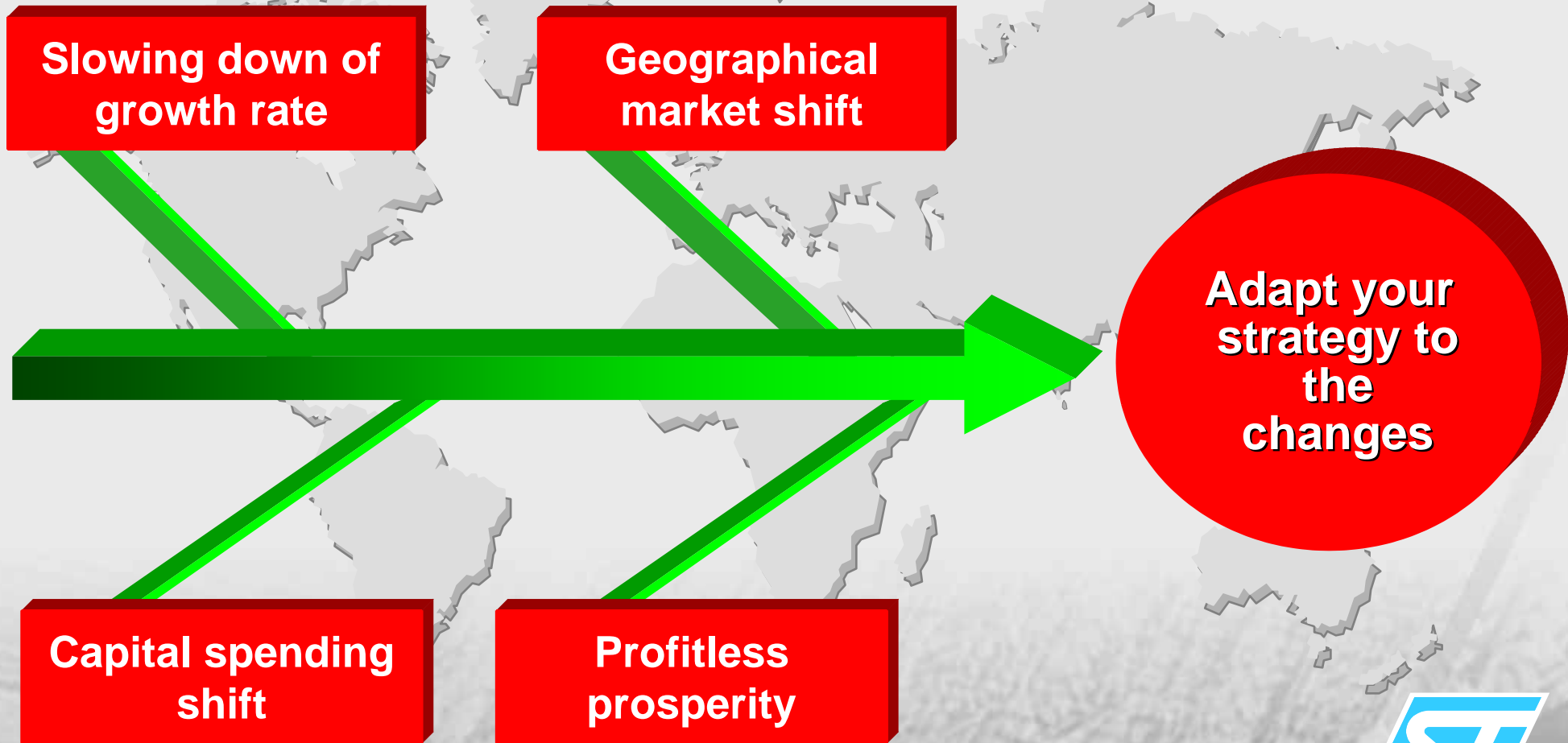
Treasurer
P. Mosconi

Executive Committee

C. Bozotti	CEO
A. Dutheil	COO
E. Villa	Sales & Marketing
L. Bosson	Manufacturing & Technology R&D
P. Geyres	Product Groups
C. Ferro	CFO, Treasurer, Infrastructures & Services
A. Cuomo	Strategy & Other Staff Functions

Strategic guidelines for the next coming upturn

Lessons from the past



ST's Globalization Structure





Global Sales & Marketing Structure



Global Sales & Marketing Office



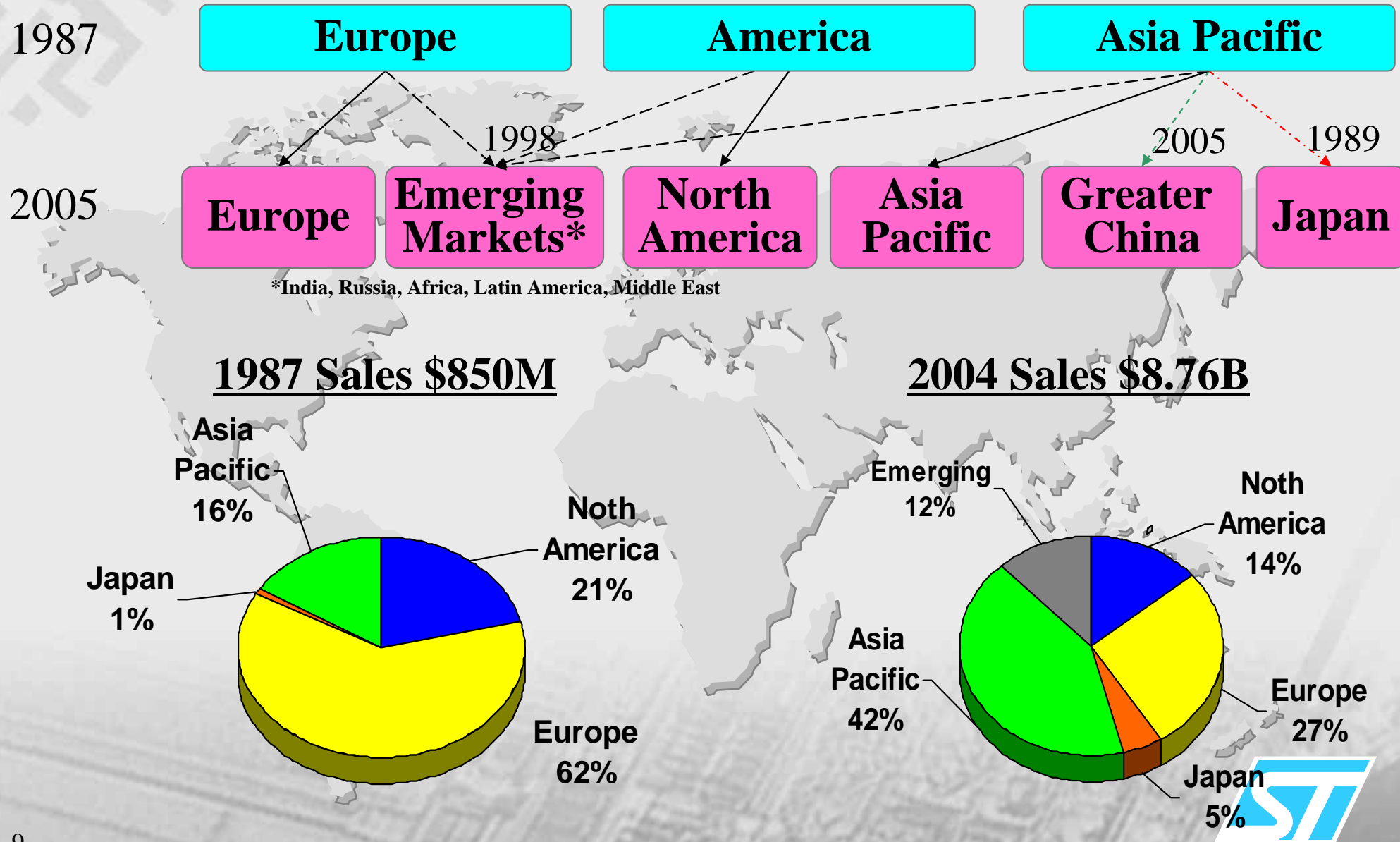
50,000 employees

78 Sales/Marketing offices in **36** countries

39 Design and Application centers



ST : The Sales & Marketing Organization



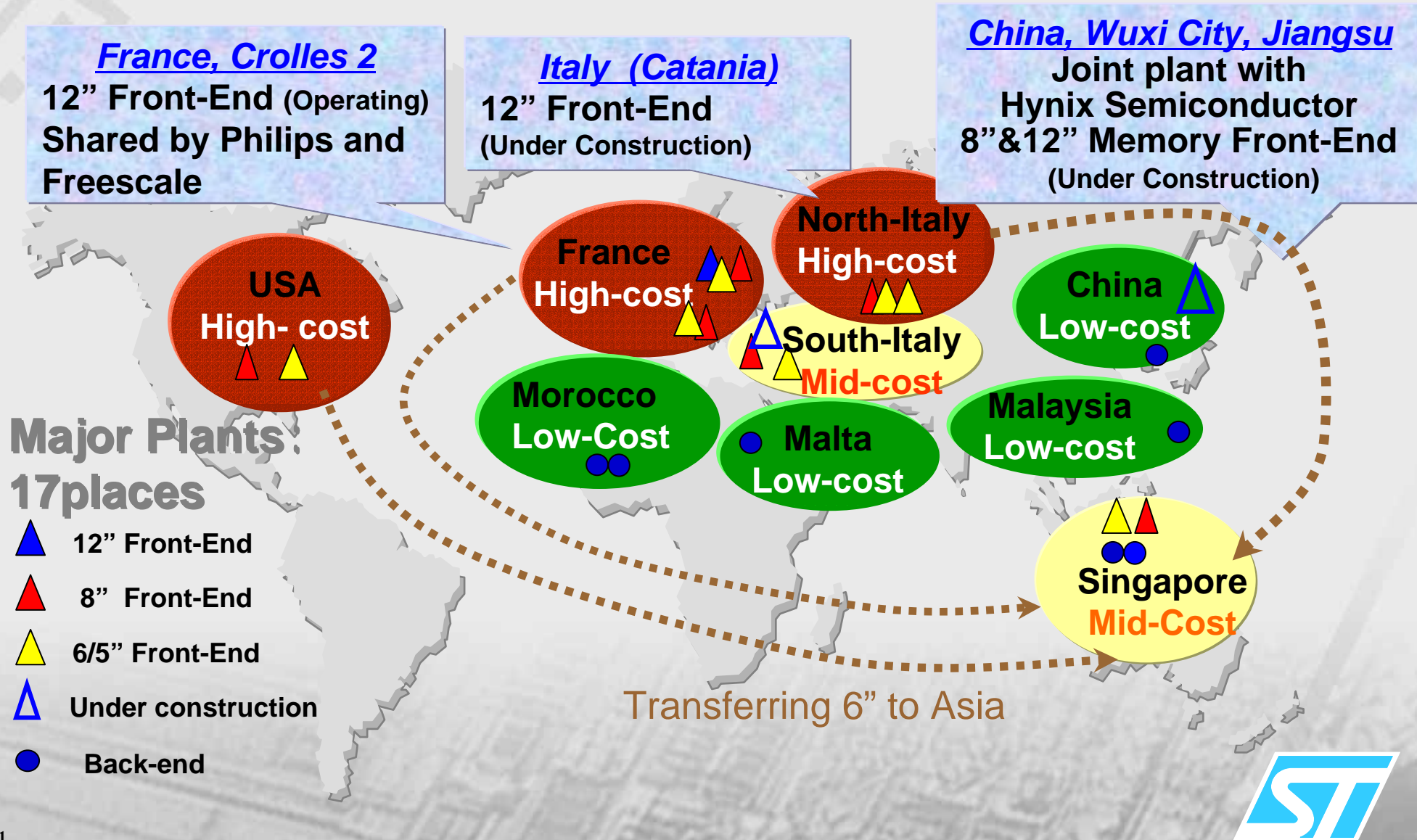


Cost Effective Global Manufacturing Structure



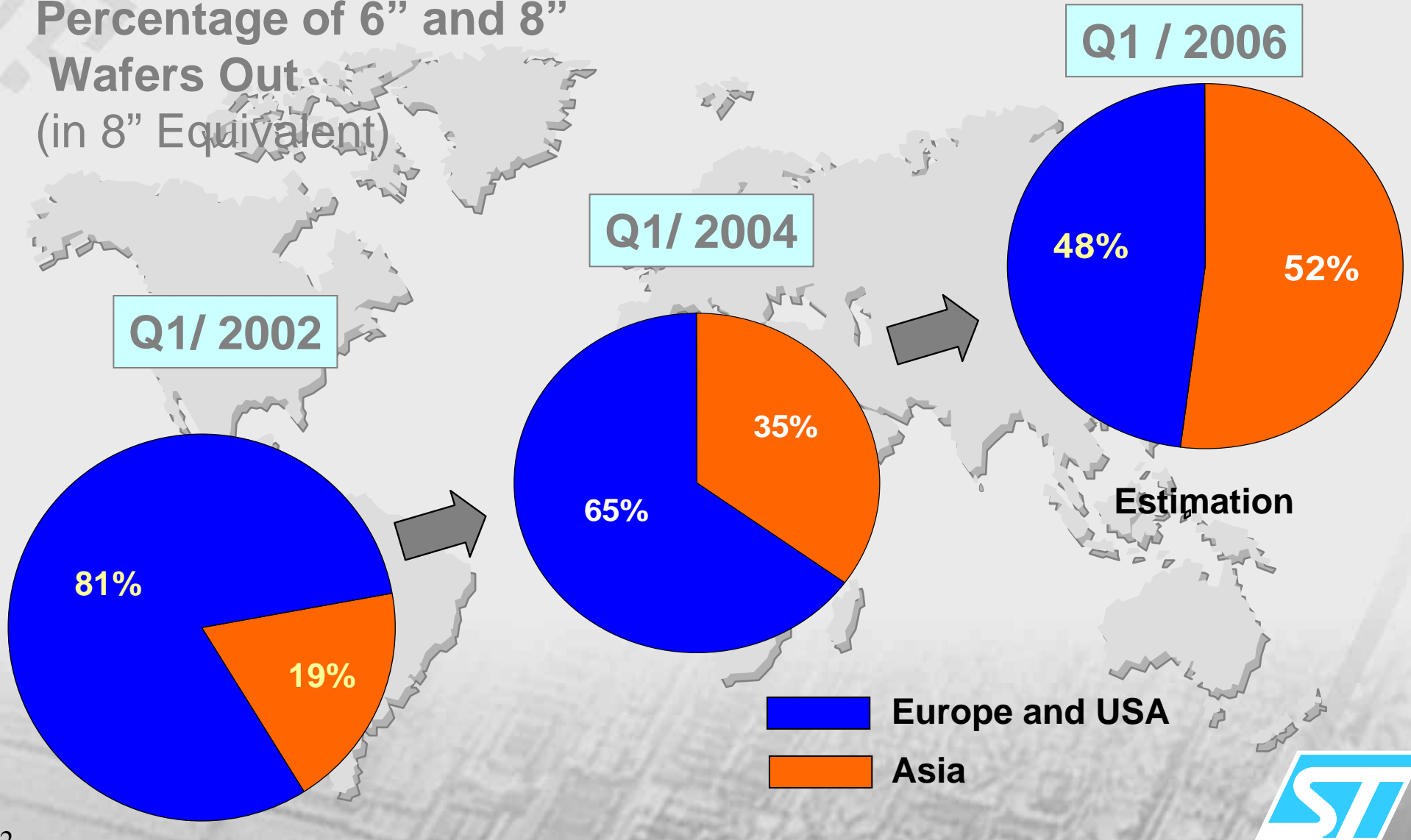
Global Manufacturing Structure


Increasing Cost competitiveness



Shift 6" Manufacturing to Asia

Percentage of 6" and 8"
Wafers Out
(in 8" Equivalent)





Global R&D Structure for Time-to-Market



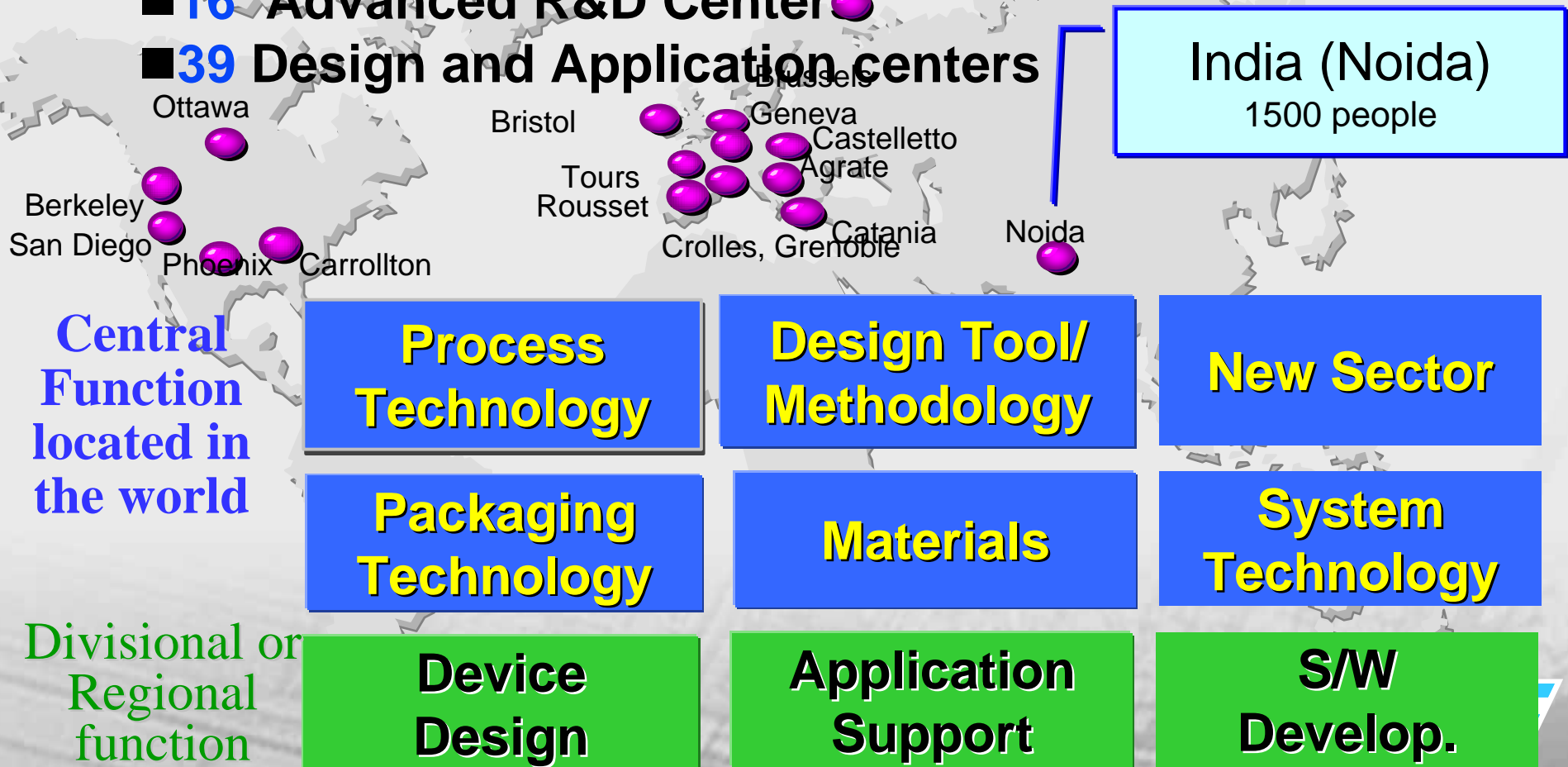
Global R&D Structure for Time-to-Market

■ Out of **50,000** employees;

- **20%** Employee are related to R&D activities
- **4500** Engineers are belonging to Central R&D

■ **16** Advanced R&D Center

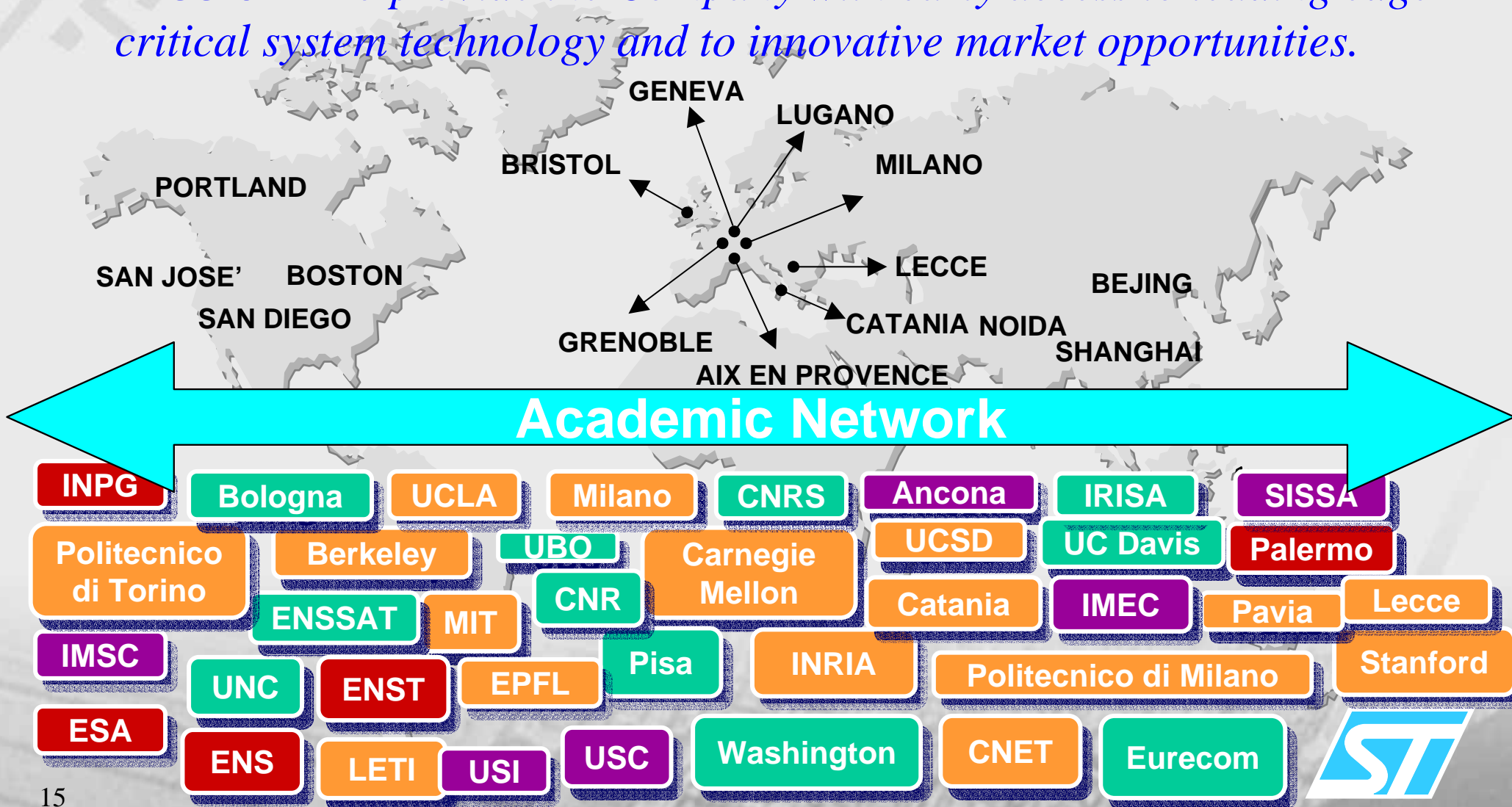
■ **39** Design and Application centers



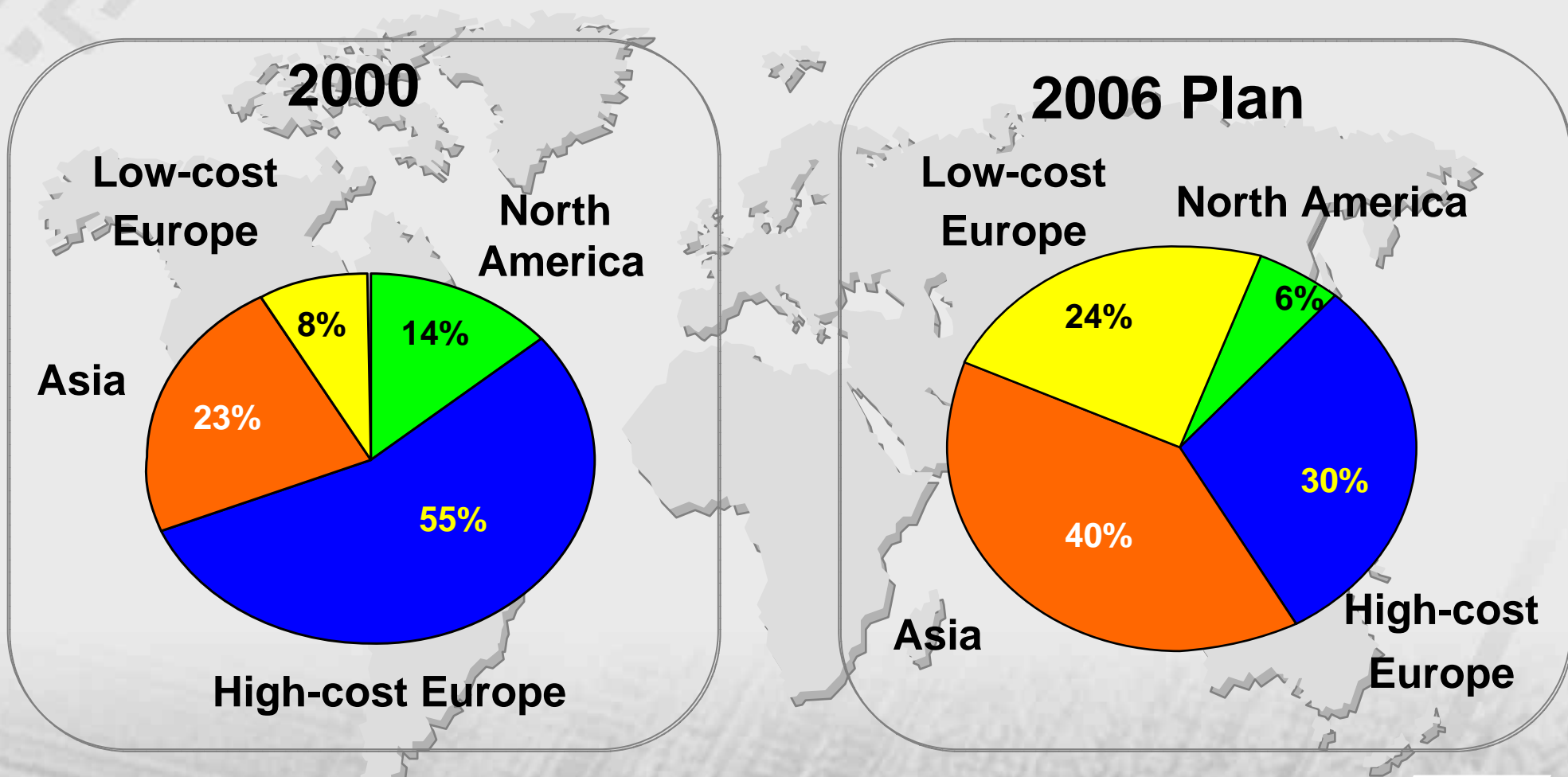
Advanced System Technology

A Global Organization

Mission : *To provide the Company with early access to leading edge critical system technology and to innovative market opportunities.*



Regional Structure of Engineers By Region



*Including Mediterranean





Global Alliance & Partnership



Global Customer Base

2004 Top 30* OEM and Top EMS Customers

Communications

- Agilent
- Alcatel
- Ericsson
- Kyocera
- Motorola
- Nokia
- Nortel Networks
- Siemens

Consumer

- Echostar
- Hughes
- LG Electronics
- Matsushita
- Pace
- Philips
- Pioneer
- Samsung
- Scientific Atlanta
- Thomson
- Vestel

Automotive

- Bosch
- Conti
- Delphi
- Marelli
- Visteon

Computer

- HP-Compaq
- Maxtor
- Seagate
- Western Digital

Smartcard / Industrial

- Delta
- Nagra-Kudelski

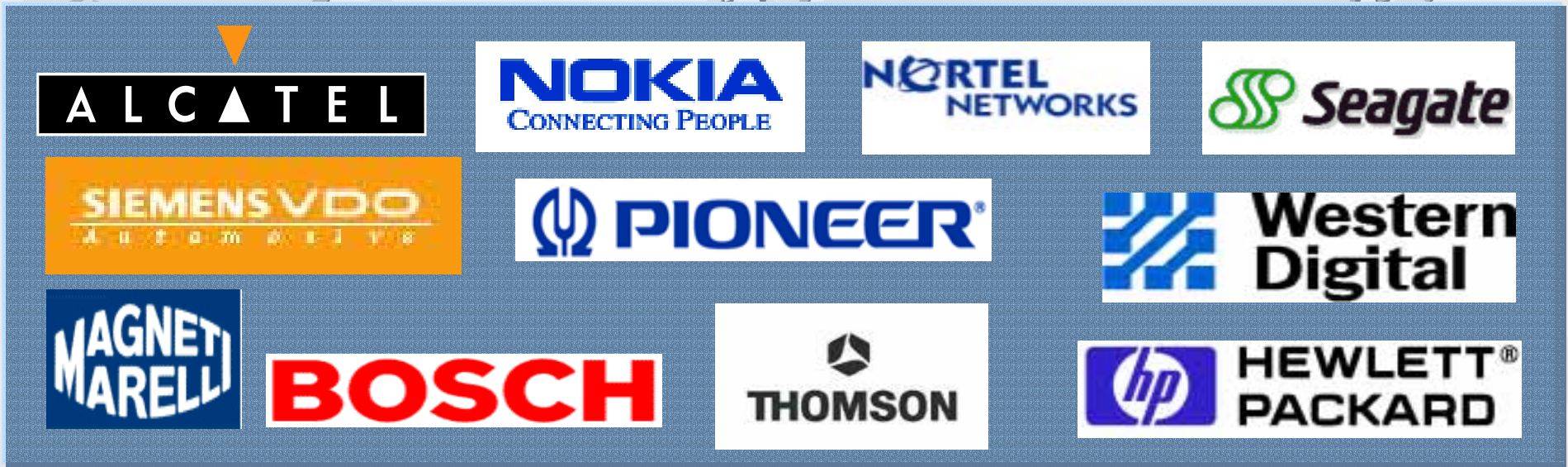
EMS

- Flextronics
- Hon Hai (Foxconn)
- Jabil
- Sanmina-SCI
- Solectron



Global Strategic Alliances are Driving Revenue Growth

Strategic Partners* : 39.5% of 2004 total revenues
: 43.6% of Q1 2005 total
revenues



*Total of 12 partners, 11 being disclosed



R&D Partnership - An Example -



Crolles2 Alliance

ST

Philips

Freescall

*Enhanced collaboration across libraries and SoC
Intellectual Property blocks*

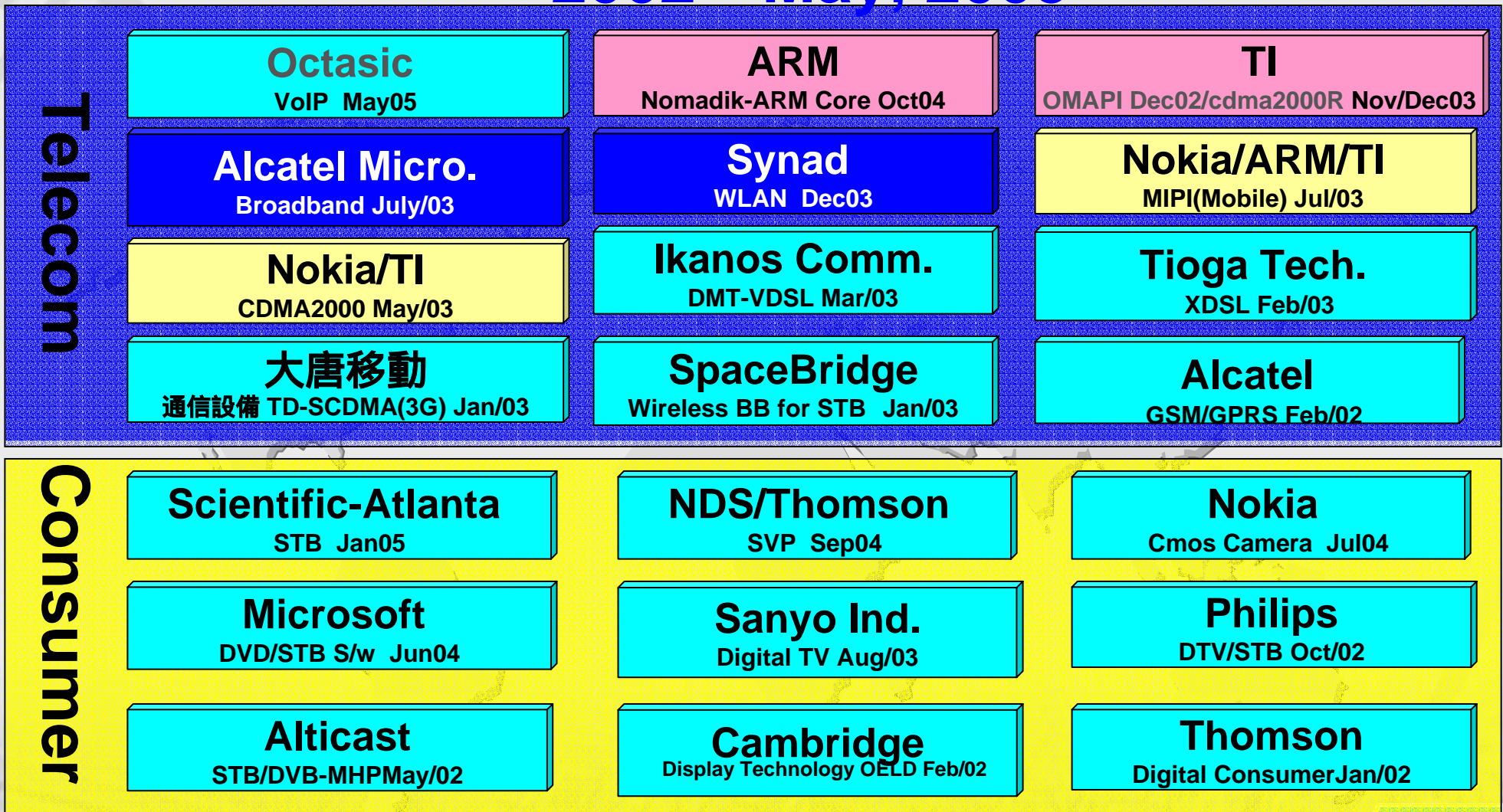
+

wafer testing and packaging



Expanding Partnership -1

2002 ~ May, 2005



M&A

System/Software

Semiconductor Maker

System & IC

Expanding Partnership -2

2002 ~ May, 2005

Audio/Voice

SRS Labs

SRS TruSurround Feb/03

IBM

Via Voice Speech Mar/03

Biometric

MobiDiag

Bio-Chip Oct03

Roreal

Touch Chip Oct/02

HDD

APT Technologies

Serial ATA FEB/02

Card/RF TAG

ArjoWiggins/Gep

e-Passport Dec03

Kudelski Group

3G Java Card Nov03

Incarn

Smart Card May/03

Proton World International

Smart Card Mar/03

Alien Tech.

RF ID TAG Sep/03

Aspects Soft.

Java SIM card Feb/03

Fujitsu

FeRAM Smart Card Oct/02

Semiconductor

Freescale/ TSMC/Philips

R&D Apr/05

Siliconix

Package Mar05

Hynix Semicon.

JV-Plant Nov04

Philips/TSMC

CMOS(R&D) Mar/03

FreeScale/ TSMC/Philips

R&D Apr/03

Hynix Semicon.

NAND Flash Apr/03

DNP

Photo Mask May/03

UMC

Foundry&Manf. Science Oct/02

M&A

System/ Software

Semiconductor Maker

System & IC

ST's Globalization Structure



Summary

- The needs and structure in the market are rapidly changing.
- The company have to keep **flexible** and **global** structure consisted of :
 - Sales & Marketing organization to catch a signal in each market,
 - R&D organization to develop innovative technology and products in time and
 - Manufacturing structure with cost competitiveness and leading-edge technology.
- To expand global **partnership** will bring innovation to the company.
- A **company culture** for operating a global company is essential. (Shared Value, Mission, Vision)

