



# The Acquisition of Westinghouse

Atsutoshi Nishida
President and CEO

**February 8, 2006** 

### Contents

- Position of the Nuclear EnergyBusiness at Toshiba
- Toshiba's Nuclear Energy Business
- The Nuclear Energy Market
- Intent and Overview of the Acquisition
- Business Outline after the Acquisition



# Position of the Nuclear Energy Business at Toshiba

#### **Toshiba's Business Domains**

**Growth Businesses** 

**Electronic Devices** 

**Digital Products** 

**Stable Businesses** 

Social Infrastructure

Among world leaders
Play active role in age
of ubiquitous
connectivity

Remain No.1 in Japan
Accelerate globalization
Cultivate new businesses

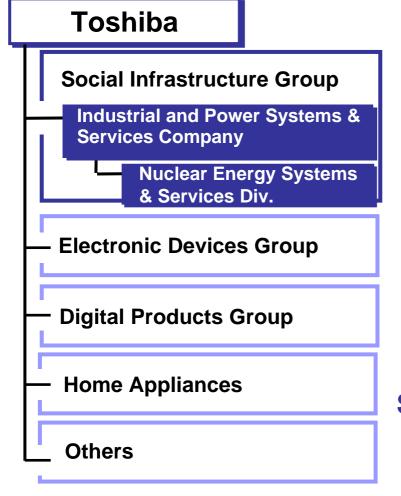
Target high growth and profitability; the core of Toshiba Group

**Stability and Growth** 

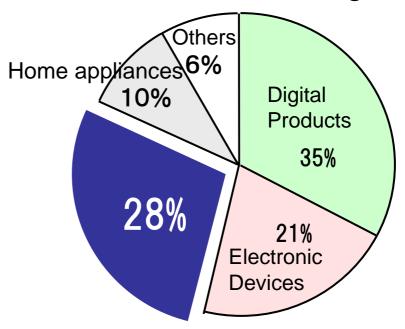
Achieve Sustained Growth in all Three Major Domains



# Position of the Nuclear Energy Business at Toshiba



Sales of the Toshiba group



#### **Social Infrastructure**

The nuclear energy business produces sustained profit.



# Toshiba's Nuclear Energy Business

## **Toshiba's Nuclear Energy Business**

**Plant** Construction



**Nuclear Fusion** 

**Courtesy of Japan** Hydrogen Atomic Energy Agency

**Production** 



**Maintenance** Services



**Breeder** Reactor

**Fast** 

**Nuclear Fuel** Cycle





## **Toshiba's Light Water Reactor Business**

R&D

Design

Production & Procurement

Construction

Operation & Maintenance



Critical Test Apparatus



System Engineering



**Turbines** 



Construction Plan



Full Automatic Welding Robot in Reactor



Static Safety Test Apparatus



Plant Design



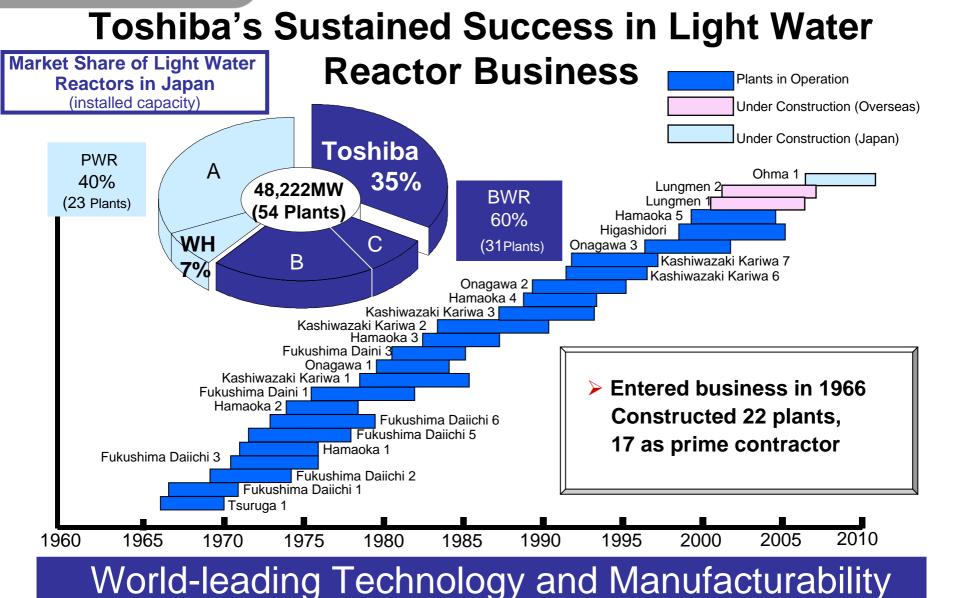
Reactor Components



Installation of Nuclear Pressure Vessel



Inspection of Turbines



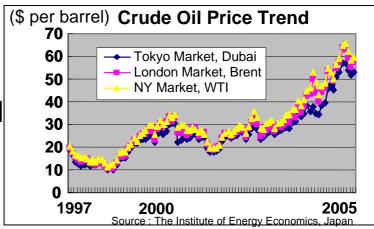
# The Nuclear Energy Market

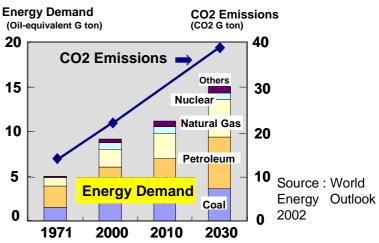
## The Global Energy Environment

- Ensure energy security
  - Increasing global energy demand
  - Rising crude oil prices



- Increased CO2 emissions
- Gap from commitment in Kyoto Protocol (COP3)





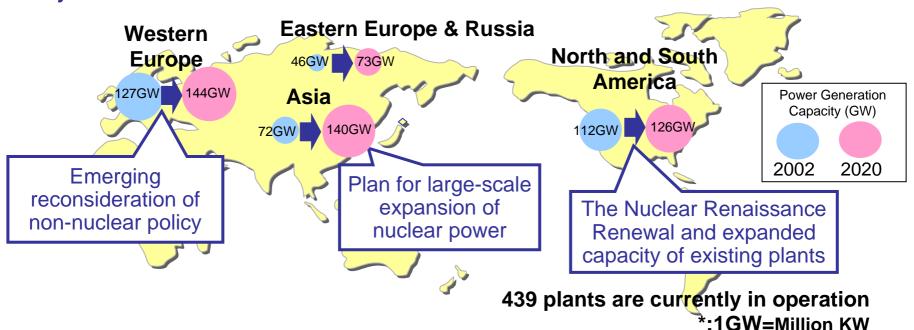
Nuclear energy is expected to play an increasingly important role as a key source of power supply

#### **The Nuclear Power Market**

Demand for new nuclear plants is growing, as a means to help assure secure electricity supply and to mitigate global warming

#### Projection to 2020

Source: World Energy Outlook 2004 (IEO2004)



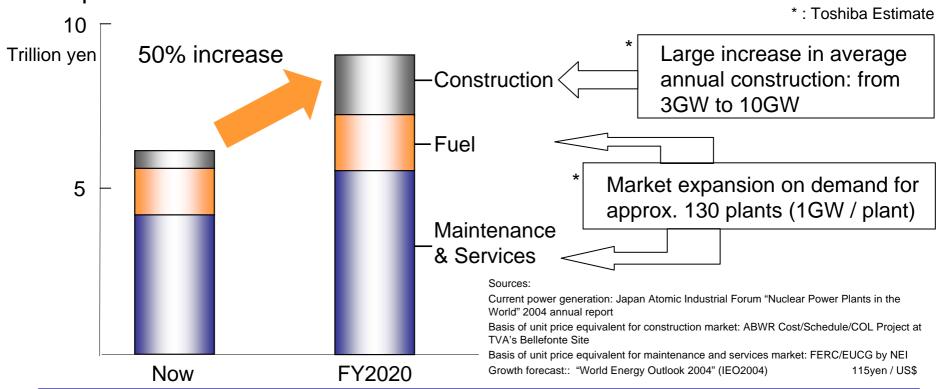
Demand to 2020 is expected to increase by the equivalent of approx. 130 plants (equivalent to 1GW plants)



#### The Nuclear Power Market

Significant expansion of plan constructions on increased energy demandSteady growth in fuel and maintenance & services market as number of

plants increases



#### From 6 Trillion to 9 Trillion Yen Market



# Intent and Overview of the Acquisition

# **Business Expansion and Enhanced Competitiveness**

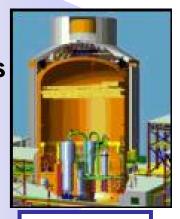
**TOSHIBA** 





BWR Business
Construction ABWR
Maintenance & Services

Mainly PWR Business
Construction AP1000
Maintenance & Services



AP1000

**ABWR** 

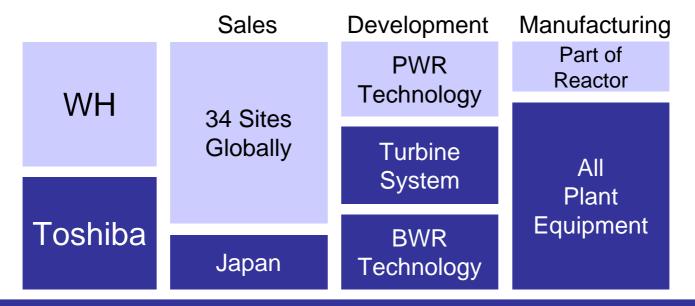
The Global Leader, Promoting Both BWR and PWR Technologies

## **Business Scope of Toshiba and WH**

Sales: Global sales network of 34 sites in 14 countries

Development: Both PWR and BWR technologies

Manufacturing: Comprehensive manufacturing capabilities



Complementary Relationship in All Aspects of Sales, Development and Manufacturing



## **Outline of the Acquisition**

The Acquisition Value
\$5.4B (621b yen) (\$1=115 yen)

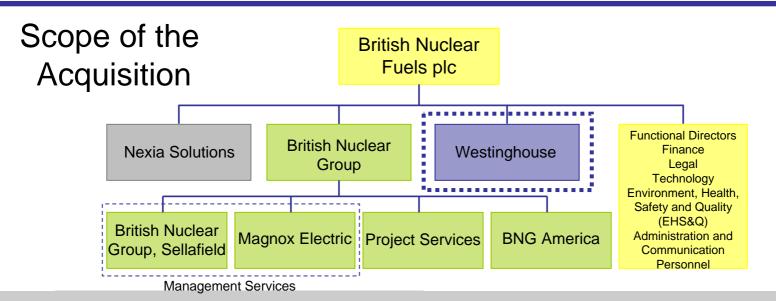
Partners (Planned)

US Company, Trading
Company and Others

Investment Ratio

Cover 51%

Westinghouse



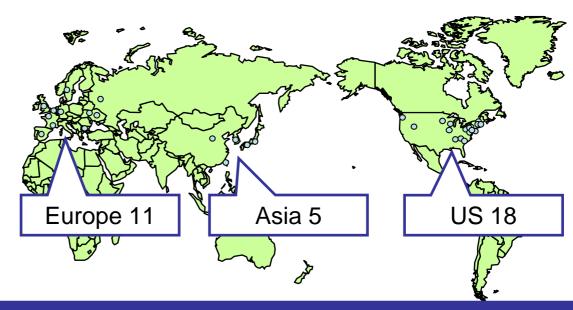
## **Outline of Westinghouse's Business**

Sales: About US\$1,800M

Total Assets: About US\$3,000M

Construction Record: 98 Plants (PWR 88, BWR 10)

Westinghouse's Sales and R&D Facilities

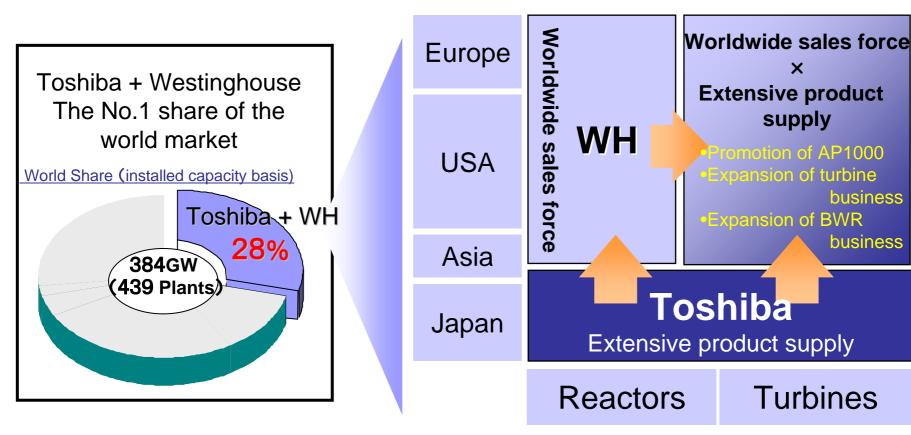


The World's Top PWR Manufacturer
High Technology and Global Sales Force



# Business Outline After the Acquisition

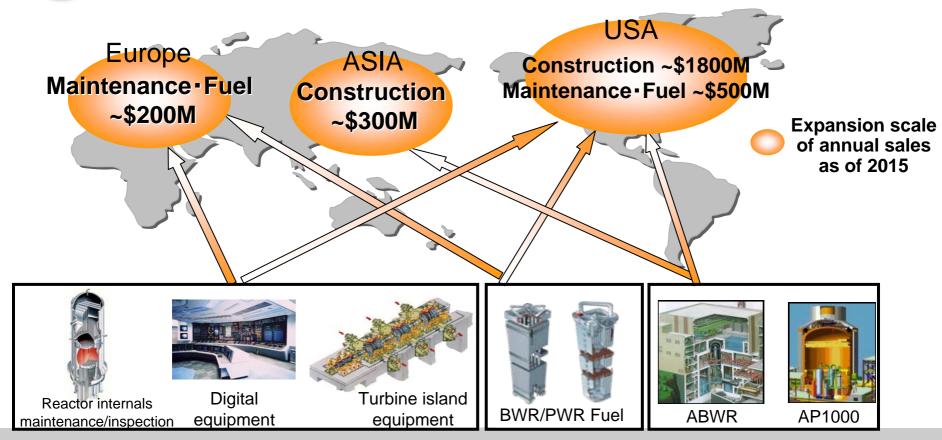
## Synergies from the Acquisition of Westinghouse



Substantial Business Expansion from Synergies of Complementary Capabilities

### **Post-Acquisition Overseas Business Development**

- Construction: Sales promotion of AP1000 in USA and Asia (China)
- Maintenance & Services: Expand business scale in USA and Europe
- Fuel: Expand business scale in USA and Europe



# **Expansion of Business Scale from Westinghouse Acquisition**

600 to 700b yen

Business Expansion Given market expansion and share considerations, 3 to 3.5 times business expansion is expected WH Below 200b yen Toshiba Toshiba to 2015 Present



# Toshiba + Westinghouse New Global Leader

Through Further Innovations in Nuclear Technology

Contribute to Energy Security and the Earth's Environment

## **END**