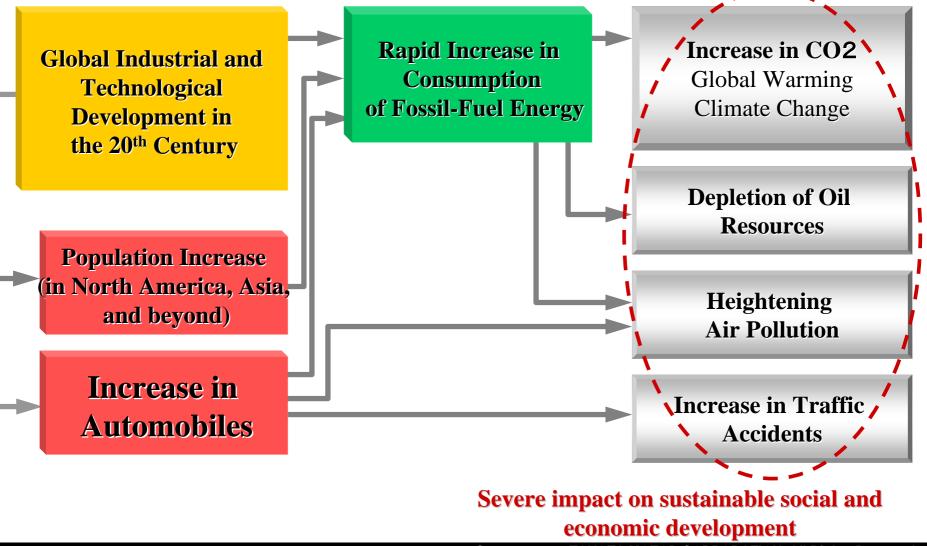
RIETI Policy Symposium (2008.1.11)

Future R&D strategy and policy

Masahiro Ezaki Senior General Manager Toyota Motor Corporation

ENVIRONMENTAL CHANGE AND ASSOCIATED CHALLENGES

GLOBAL ENVIRONMENTAL CHANGE AND THE CHANGING RELATIONSHIP WITH AUTOMOBILES



CHALLENGES TO DELIVER MOBILITY FOR A SUSTAINABLE SOCIETY

Zeronize



CO2 Reduction

Effective Utilization of Alternative Fuels

Cleaner Emissions

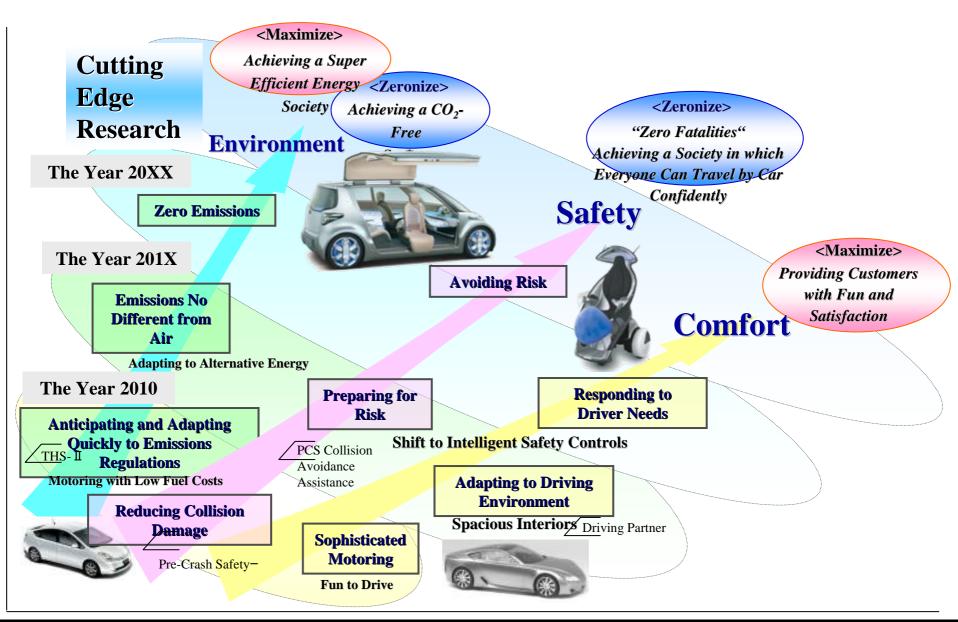
Safety

Maximize

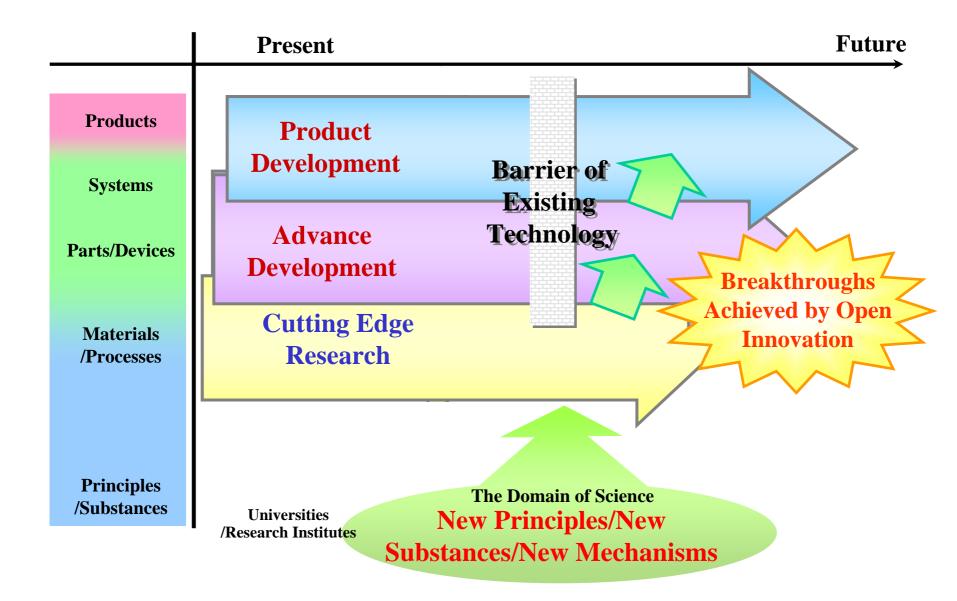
Development of Appealing Products



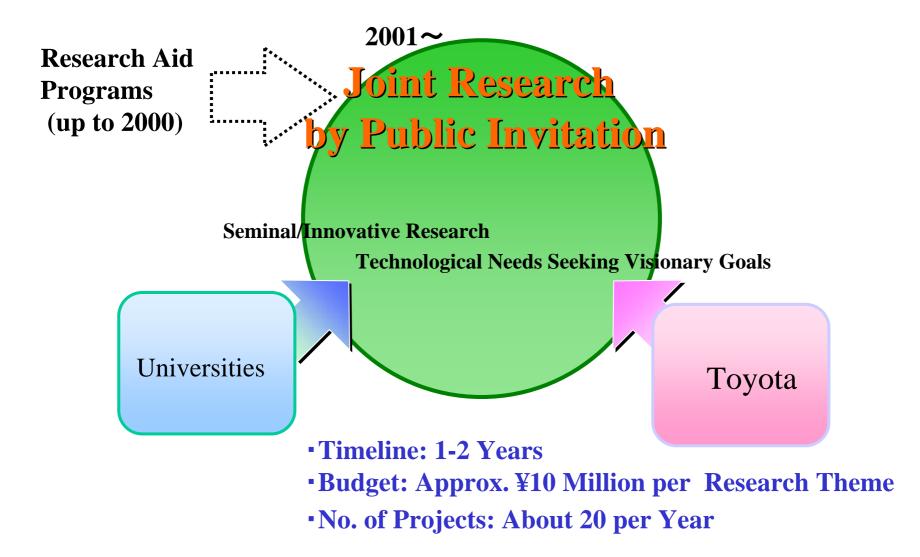
RESEARCH AND DEVELOPMENT



INDUSTRY-ACADEMIA COLLABORATION



INDUSTRY-ACADEMIA COLLABORATION (PAST AND FUTURE EFFORTS)



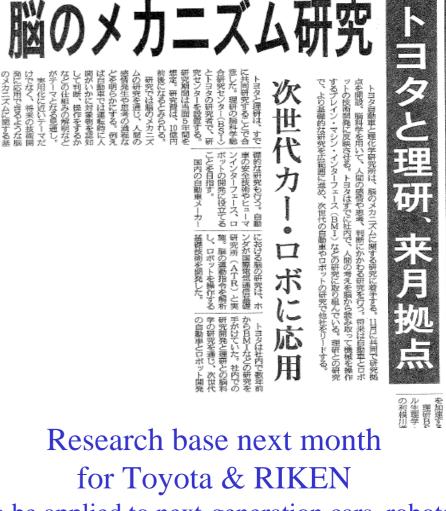
INDUSTRY-ACADEMIA COLLABORATION (Examples of Public Invitation Research Themes)

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	New Hydrogen-Storage Technology	Reaction/Materials Control
	Engineering Application of Life/Bio-Ener	gy Bottom-Up Production
Environ- ment	Microreactor Control of Materials' Nano Structure and Organization Energy Transmission Energy-Storage Devices	Optical/Thermal Electrical Conversion Biological Substances /Energy Conversion Technology Heat Engine Loss Control
Safety	Biomimetic Sensing/Information N	Driving in an Aging Society Maintaining and Promoting Health Man-Machine Interfaces
Comfort		pecial Human Characteristics Stimulating the Body and Mind)

INDUSTRY-ACADEMIA COLLABORATION (TOPICS)

Research into brain mechanism Joint research with RIKEN To be applied to next-generation vehicles, robots (The Sankei Shimbun, 2007.12.15)



To be applied to next-generation cars, robots Toyota to research "the brain"

(The Nikkan Kogyo Shimbun, 2007.10.31)

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R&D SYSTEMS

