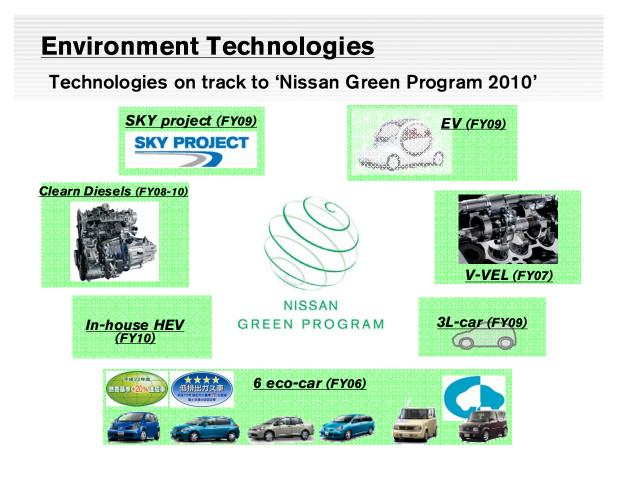


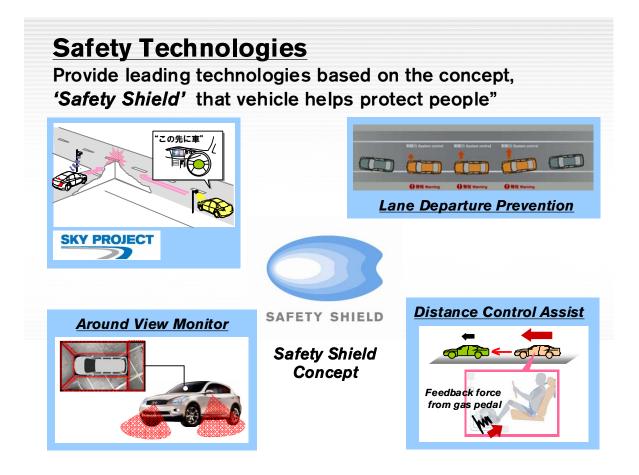
### Nissan Advanced Technology Center (NATC)





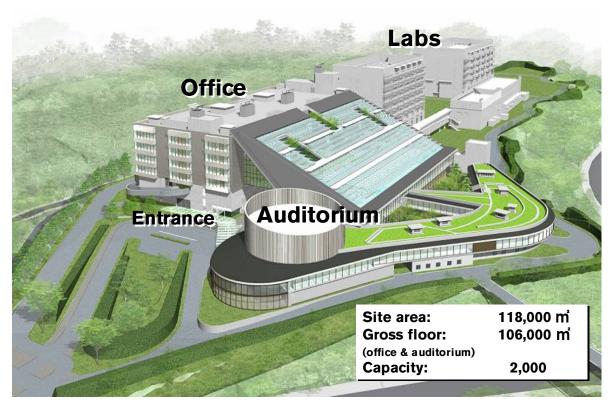
<u>New Generation Carwings</u> <u>& Navigation System</u>

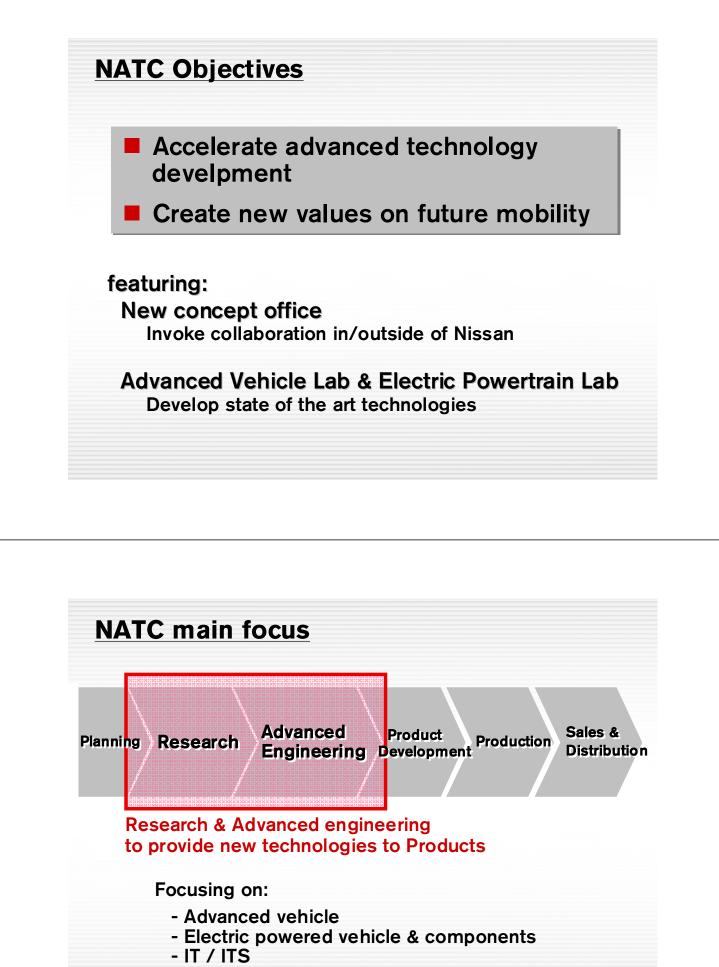




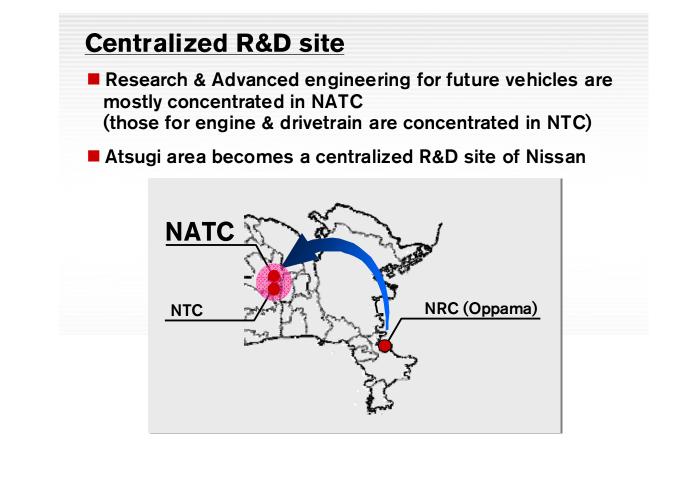
### NATC Concept

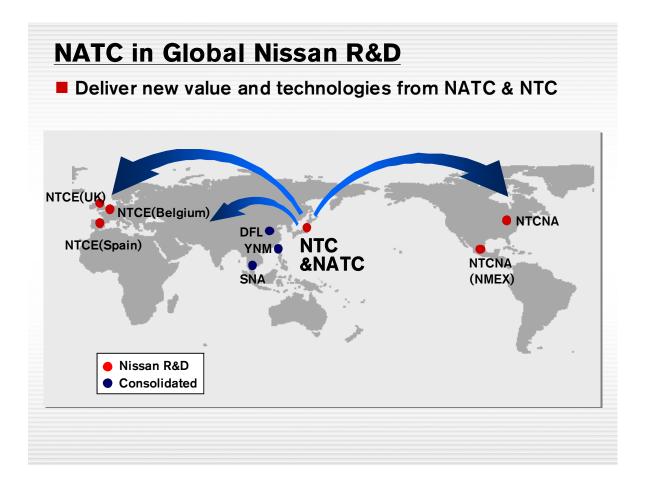
### **NATC overview**

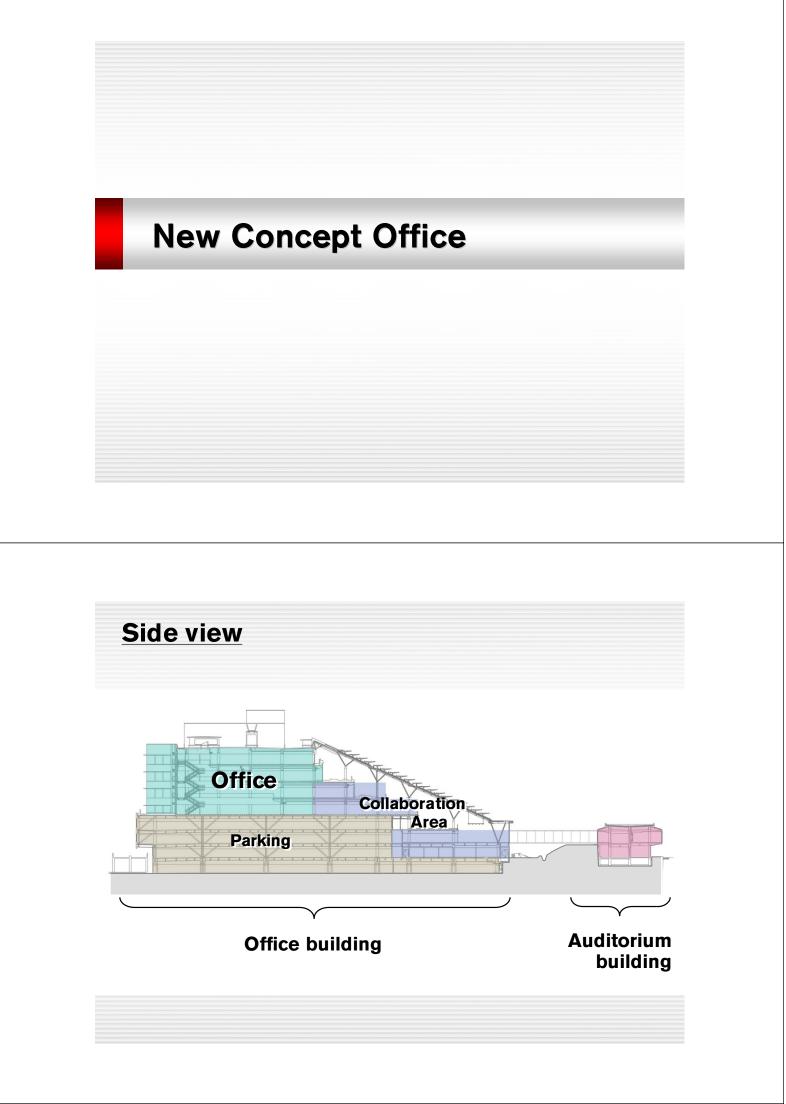




- Future mobility & society etc.





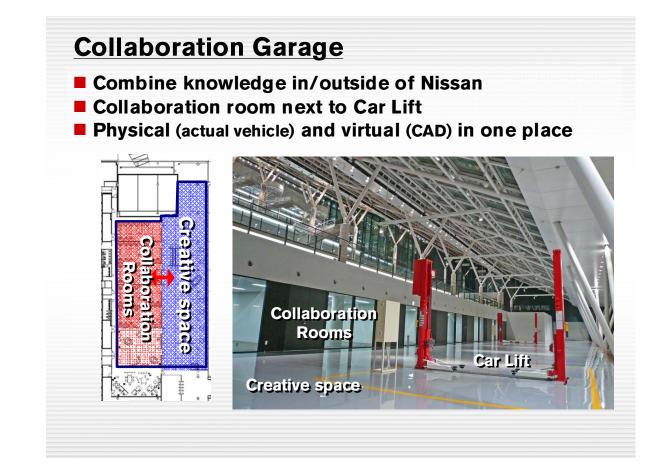


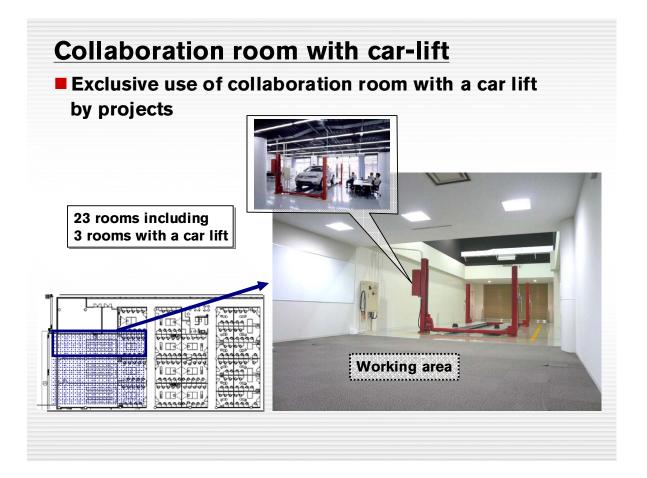
# New Concept Office Unique structure featuring stepped design Collaboration rooms for over 200 people Craft rooms in each floor for quick prototyping Communication space / Info-Street for supporting daily interaction Auditorium for activating internal & external communication

### Novel stepped design

Possible to see beneath vehicles and collaborative activities from any floor of the building





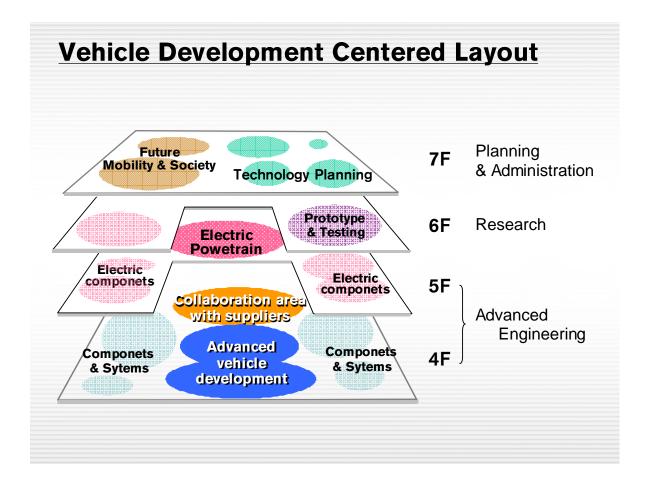


### Craft room for quick prototyping

- 3 craft rooms on each floor
- Quickly repeat innovation cycle by prototyping near working desk









### **Experimantal Facilities**

Advanced Vehicle LabElectric powertrain Lab

### **Advanced Vehicle Lab**

Future vehicle system development including ITS, XBW etc.



### Main facilities

- XBW actuator test bench (hardware in the loop)
- Driving Simulator
- Evaluation facilities for future Cockpit Mock
- Virtual sound test room
- Semi-anechoic chamber
- Adv. Li-ion Battery facilities

## <section-header><section-header><section-header><section-header><section-header><section-header>

### **Care for Environment**



### **Creation of closer relationship with Suppliers**

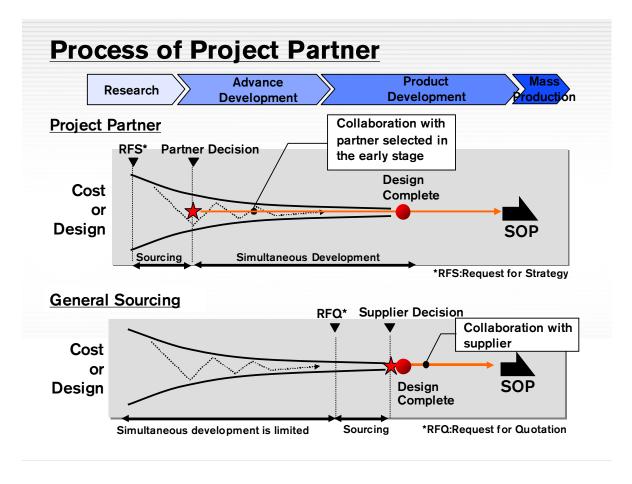
- Collaboration in Advanced Technology development by utilizing NATC



### **Project Partner**

New partnership activity to create best practices

- Implemented from 2005
- Collaborative activity between Nissan and Supplier, to create new project based on mid-term plan. Require Supplier participation from the early stage of the development.
- Effective partnership with long term vision from collaborative activities of Supplier and Nissan, such as Innovative technology development, attractiveness creation and efficient investments.





- 1. IT/ITS Technology
- 2. Electric Vehicle Technology
- 3. By-Wire Technology
- 4. Advanced Vehicle/System ,Component

## Expected results in advanced development Progress of utilizing supplier inherence technology evolution to an enough time range for technology evolution to an enough level of vehicle application. Progress of further technology development and innovation from collaboration between Nissan and Supplier. Enhancement of supplier collaboration by utilizing NATC with further implementation of "Project Partner" activity.

