

- Strategic View — embedded software
 - select—and—focus
 - not only enabling technology or value adder but also a part of “growth areas”
 - Advantages: Efficient use of resources, effectiveness, Simple, Fast implementation
 - Disadvantages: Slow adaptation to changing world, Incompleteness, Dependence on external world

- Embedded systems
 - Characteristics: diversity, specific to target machines
 - domain knowledge required
- Approaches (academia)
 - Set up “embedded technology exchange” to help industry solve the problems
 - “embedded technology exchange”
 - consisting of industry, academia, government, research centers.
 - market place for technology. consulting. recruiting. etc.
 - Education of embedded engineers
 - Nation-wide supply of embedded software platform

- Supply of software platforms
 - embedded software : running royalty instead of one-time royalty payment
 - imposes nonnegligible cost on industries
 - so, a need for the supply of software platforms at the national level
 - environments: design, development, execution

- A need for national projects that cover the whole spectrum of ES and integrate a variety of areas