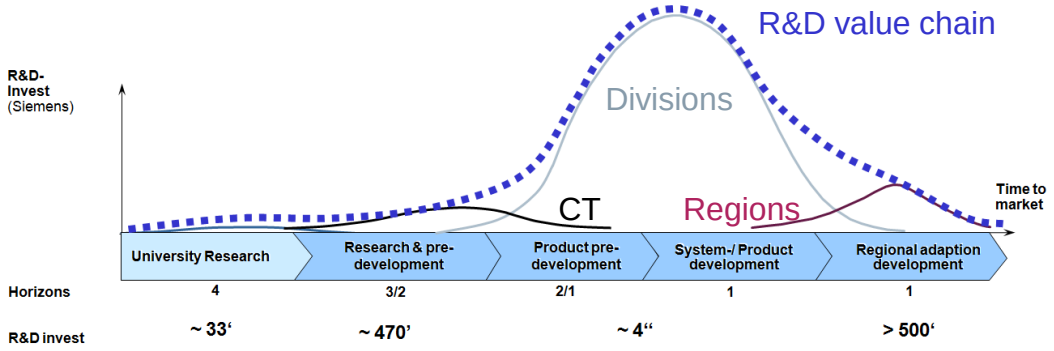
SIEMENS
Ingenuity for life

Corporate Research

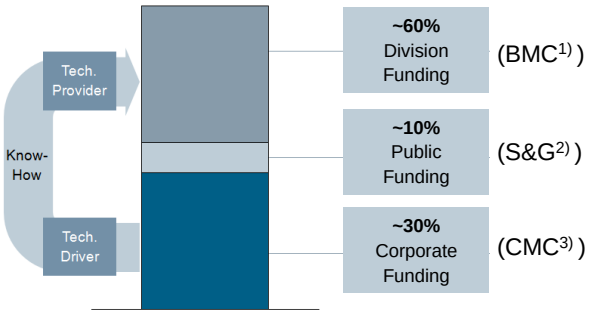
Siemens approach

Siemens Corporate Technology CT
Key Characteristics

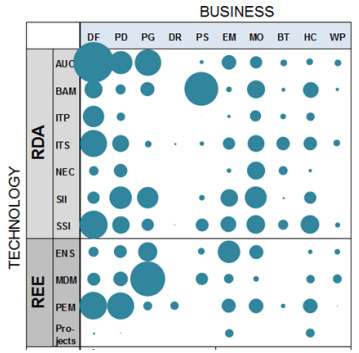


- CT’s center of gravity is in industrial **research and technology pre-development** taking in university research and supporting the divisions in transfer to product (pre-)development
- Portfolio is closely aligned to current and future business horizons
- Tech-driven portfolio generates synergies or cross-divisional impact
- Applied research only – no focus on “nobel-prizes”

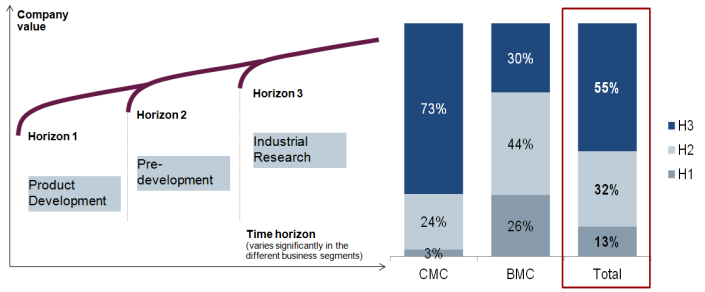
Key Characteristics



Financing Model



Multiple Impact



Future Horizon

1) Business Managed Cost 2) Subsidies&Grants 3) Corporate Managed Cost

Company Core Technologies (CCT)

The Siemens approach to Technology & Innovation

SIEMENS
Ingenuity for life

Business-driven, end-to-end

Research (Universities) → **Applied Research** → **Pre-Development, prototyping** → **Biz model innovation** / **Product innovation** → (New) Business

Transparent spending

~500‘ EUR in FY18

Clear leadership

One manager per CCT

Cooperation across units

Co-location of cross-functional teams

Co-creation

- Cybersecurity
- Power electronics
- Connected (e)mobility
- Additive manufacturing
- Distributed energy systems
- Connectivity and edge devices
- Data analytics, artificial intelligence
- Software systems and processes
- Simulation and digital twin
- Autonomous robotics
- Future of automation
- Energy storage
- Blockchain
- Materials