



**MEDTEQ INDUSTRIAL R&D AND  
INNOVATION CONSORTIUM**  
*INNOVATION FOR HEALTH*

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# Cornerstones of the MEDTEQ Consortium - Innovation for Health

Collaborative  
Research

Innovation-Driven Economic  
Development  
and Job Creation

Open Innovation

Specialty  
Devices

Industry

Healthcare  
ITC



Academia

Diagnostics:  
Imaging, Lab systems,  
POC

Enabling technologies

University  
Health Centers  
& Providers

International  
Collaborations



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- **MEDTEQ: Industrial R&D program to support the development of collaborations between industry and public research institutions as well as H/C providers**
  - **The objectives are to: reduce risk, intersect industrial and public research, facilitate knowledge transfer and support the creation of strategic alliances.**
- **A proven process: Several consortia are operational in various industry segments in Québec with several key benefits:**
  - **Collaboration between all players of the medical technology spectrum within innovation projects: industry, university, college level and targeted research organisations, as well as clinicians and healthcare providers**
  - **Collaboration between MNEs and SMEs**
  - **Development of highly qualified personnel**
  - **Leveraging of industry/government funds**



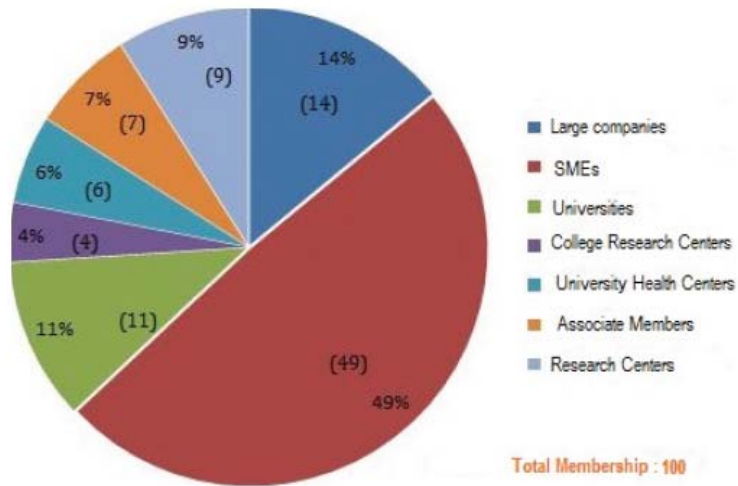
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## DESIGN POINTS

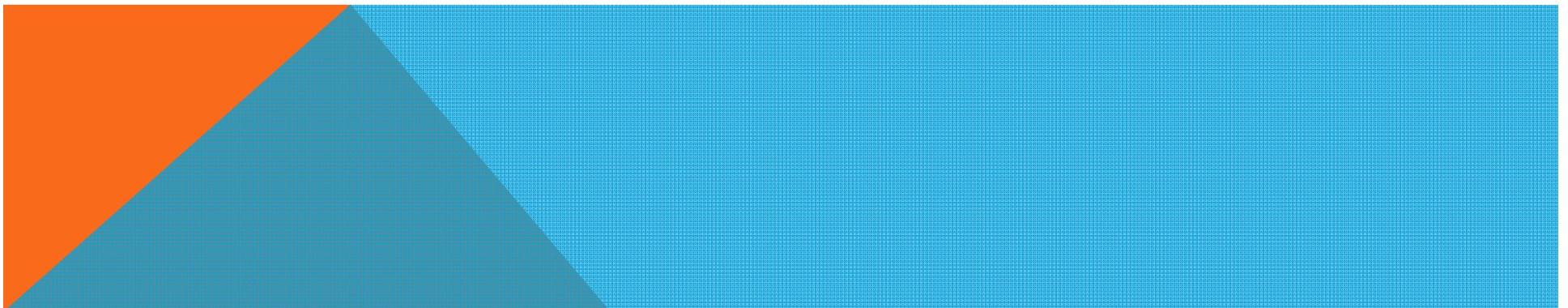
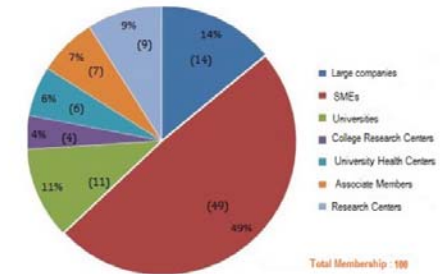
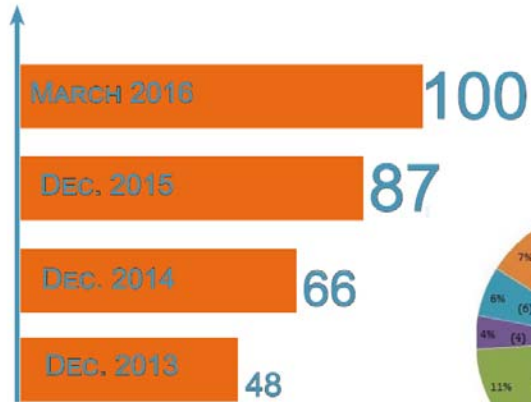
- **Shorten the product development cycle by facilitating parallel development streams**
- **Engage healthcare institutions as full partners**
- **Build product for international markets**
- **Build a permanent community of practice in medical technology**
- **Position innovation as a cornerstone of industry/healthcare network focus**



## MEMBERSHIP



## MEMBERSHIP GROWTH





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## PROJECTS...

Improved detection of cancer using the latest advances in artificial intelligence technologies



Decision support tools for the planning and delivery of homecare assistance





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## PROJECTS...

Design and development of automated tools to characterize, modelize and quantify the morphology of bone and joint systems, using several radiographic views



Virtual stent grafts planning: numerical simulation of the endovascular repair of abdominal aortic aneurysms (AAA)



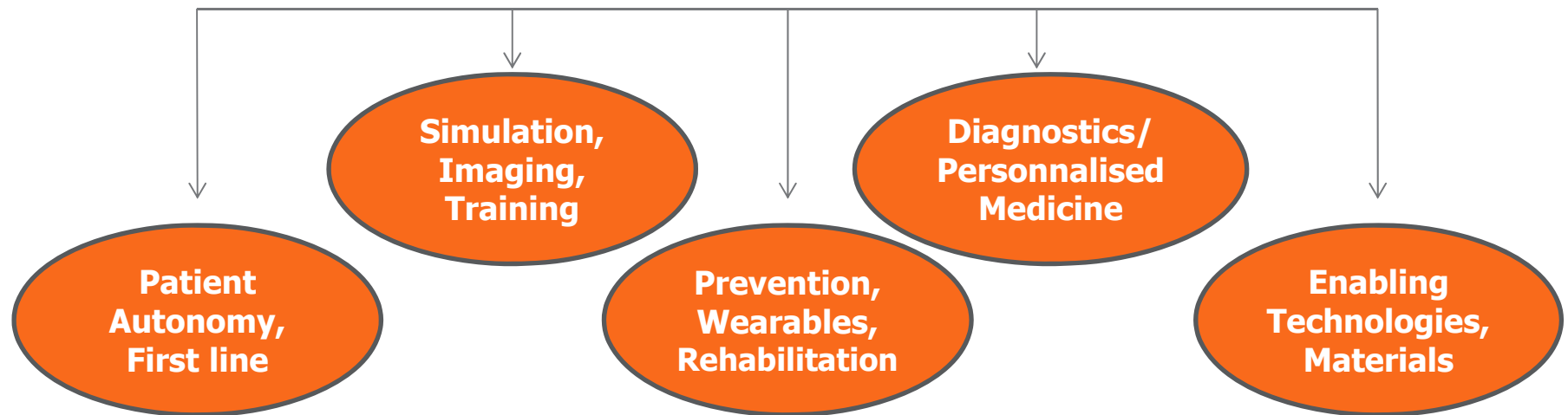
**SIEMENS**





## MEMBERSHIP

### Key high-growth focus areas







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## A Community of Practice...

Some members...





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## AN OPPORTUNITY

### Leveraging of industry/Government funds coupled with leveraging of shared knowledge:

- Participating MEDTEQ industry members provide a mandatory % of funding\* (in cash) of the overall budget of their R&D project
- MEDTEQ contribution to total budget
- Additional funding of projects from other eligible public or federal government agencies...
- Funding is provided to the academic leads for R&D/innovation activities
- Recognition/matching of industry in-kind contributions may be eligible\*
- \*Special T's & C's may apply
- Detailed T's and C's available as required

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