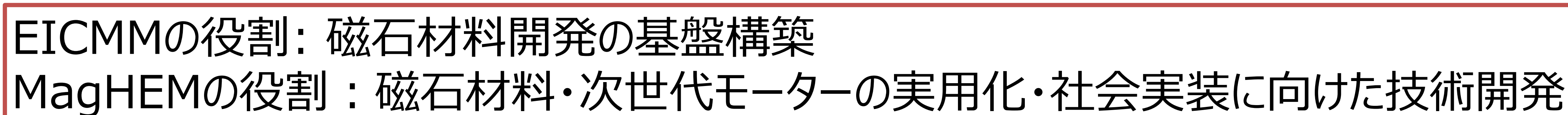


永久磁石の戦略的研究開発の歴史 ESICMMとMagHEMの役割



The diagram illustrates the ESICMM research hub network, centered around the **ESICMM (Elementary Strategic Magnetic Materials Research Hub)**. The network is organized into several key components:

- Large Shared Research Facilities (Large Red Circle):** This cluster includes major research facilities and institutions such as NIMS, ESICMM, Tohoku University, Osaka University, Tokyo University, Kyoto University, KEK, and JASRI. It also encompasses various research centers like SPRing-8, J-PARC, and KEK.
- High-efficiency Motor Magnetic Materials Technology Research Consortium (MagHEM) (Large Blue Circle):** This cluster focuses on motor technology and includes partners like Toyota, Denso, Daihatsu, and JRCM. It also features research centers like MagHEM and various industrial and academic institutions.
- Academic Association (Green Circle):** This cluster includes academic organizations such as the Japan Metals Society, Japan Magnetic Society, and the Japan Physical Society.
- Governing Board (Yellow Box):** The governing board consists of the Ministry of Education, Science and Culture (文部科学省) and the Ministry of Economy, Trade and Industry (経済産業省).
- Thematic Collaboration (Yellow Box):** The thematic collaboration is represented by the **ESICMM** hub.
- Common Research (Yellow Box):** The common research is represented by the **MagHEM** consortium.
- Industry Advisor (Red Box):** The industry advisor includes Toyota, Denso, and other industrial partners.
- Motor Advisor (Blue Box):** The motor advisor includes various industrial and academic institutions.

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