



The FMI will drive a cohesive approach to the future of flow measurement science and infrastructure to meet the emergent needs and challenges of industry.

Achievements to Date

The FMI has delivered a number of tangible outputs since its inception in November 2014. These have all been achieved without any direct funding, sponsorship or member subscriptions.

Strategy and Leadership

- A strategic plan, delivered to UK government, which prioritises the future needs of flow measurement R&D and infrastructure across all industry sectors.
- The submission of a proposal for a collaborative £15m World Centre of Excellence in Flow Measurement and Fluid Mechanics, with anticipated commencement before end 2016.
- The continual growth and engagement of the flow measurement community allowing all findings to be validated. FMI currently has 422 individual members.
- A knowledge-sharing website and member mailings
- A collaboration with the Dutch National Measurement Institute (VSL) to enable FMI members to develop joint proposals for EMPIR research funding.

Research, Development and Infrastructure

- A new high pressure single-phase calibration facility, commissioned August 2016

- The new Flow Measurement Faculty Research Centre (FMFRC) undertaking fundamental and applied research into industrially-relevant complex flows.
- An unique collaboration between 4 universities, and subsequent £1.2m application made to EPSRC funding for flow measurement research
- A database of commercial test and research flow measurement facilities and a capability statement detailing facilities at world-leading universities

Skills and Knowledge Transfer

- An annual flow measurement conference, held in July 2015 and 2016, focusing on current and future research in all industry sectors
- A rolling programme of post-graduate students undertaking new flow measurement programmes leading to MRes (Masters by Research) EngD and PhD qualifications.
- A training competency matrix for flow measurement together with a strategic outline for developing standardised and accredited training.
- Input to a National Measurement System's gap analysis about flow measurement Standards.

More information & joining details

The FMI comprises individual members, a number of whom contribute to one of four working groups. There are two founding partner organisations and a range of affiliated organisations, partners and sponsors.

There is no cost to join. Membership is open to all who have an interest in flow measurement.

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