

Aims of the project

The overall objective of the DI-Vision project is to ensure the traceability of machine vision systems (MVSs) deployed in industry for macro and micro-scale applications. The specific aims are:

1. to establish traceability of existing and newly developed MVSs;
2. to develop and validate DTs of existing and newly developed MVSs;
3. to investigate novel methods of image matching algorithms using soft-gauges (reference data);
4. to investigate and validate while addressing industrial use cases;
5. to facilitate the take up of the developed technologies (dissemination and standardisation).

Target groups

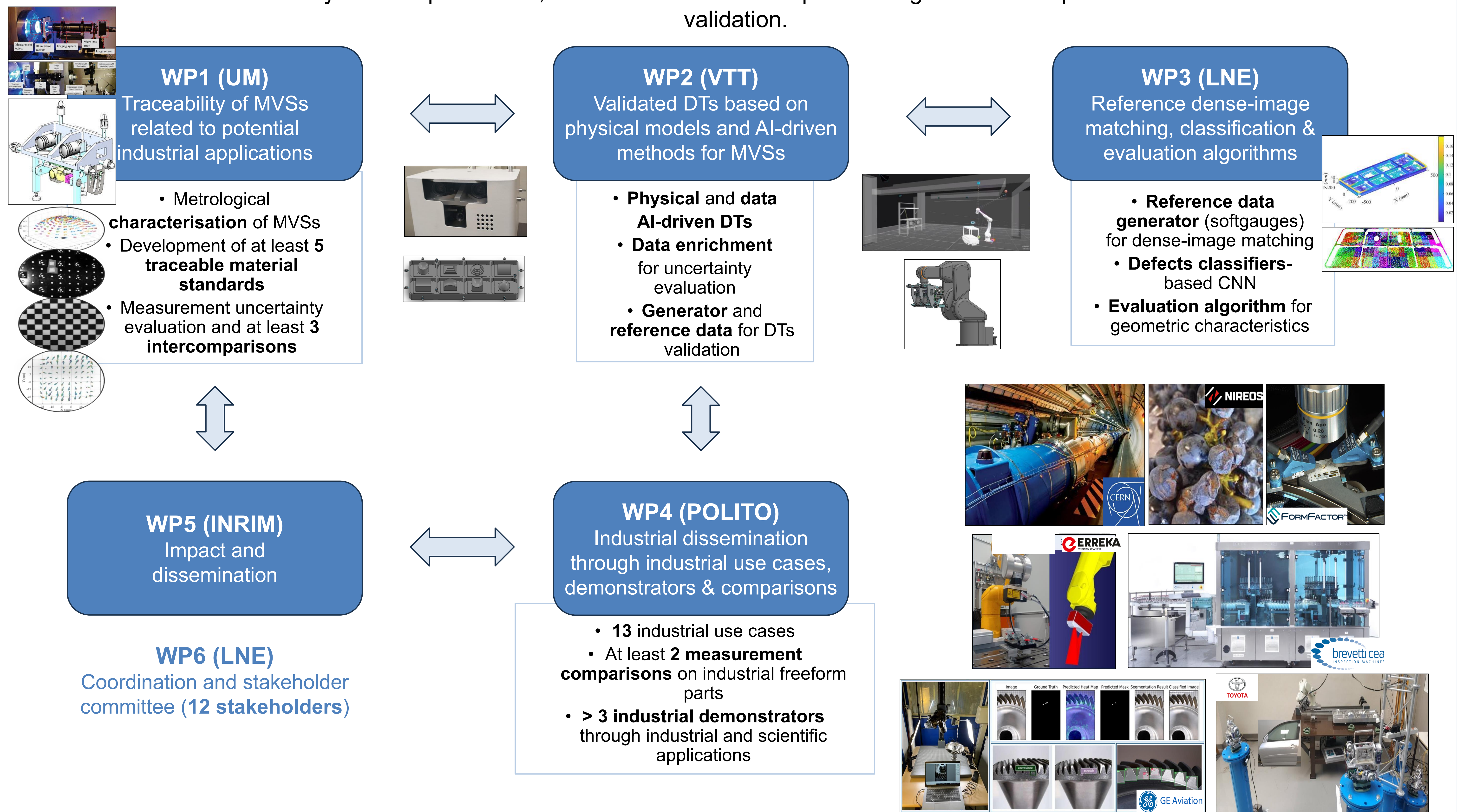
- Manufacturers of MVSs and companies in computer vision
- Automotive, aeronautic, food, semiconductors, pharmaceutical sectors, etc
- European metrological committees
- Academic Research labs and institutions

Work programme and key deliverables

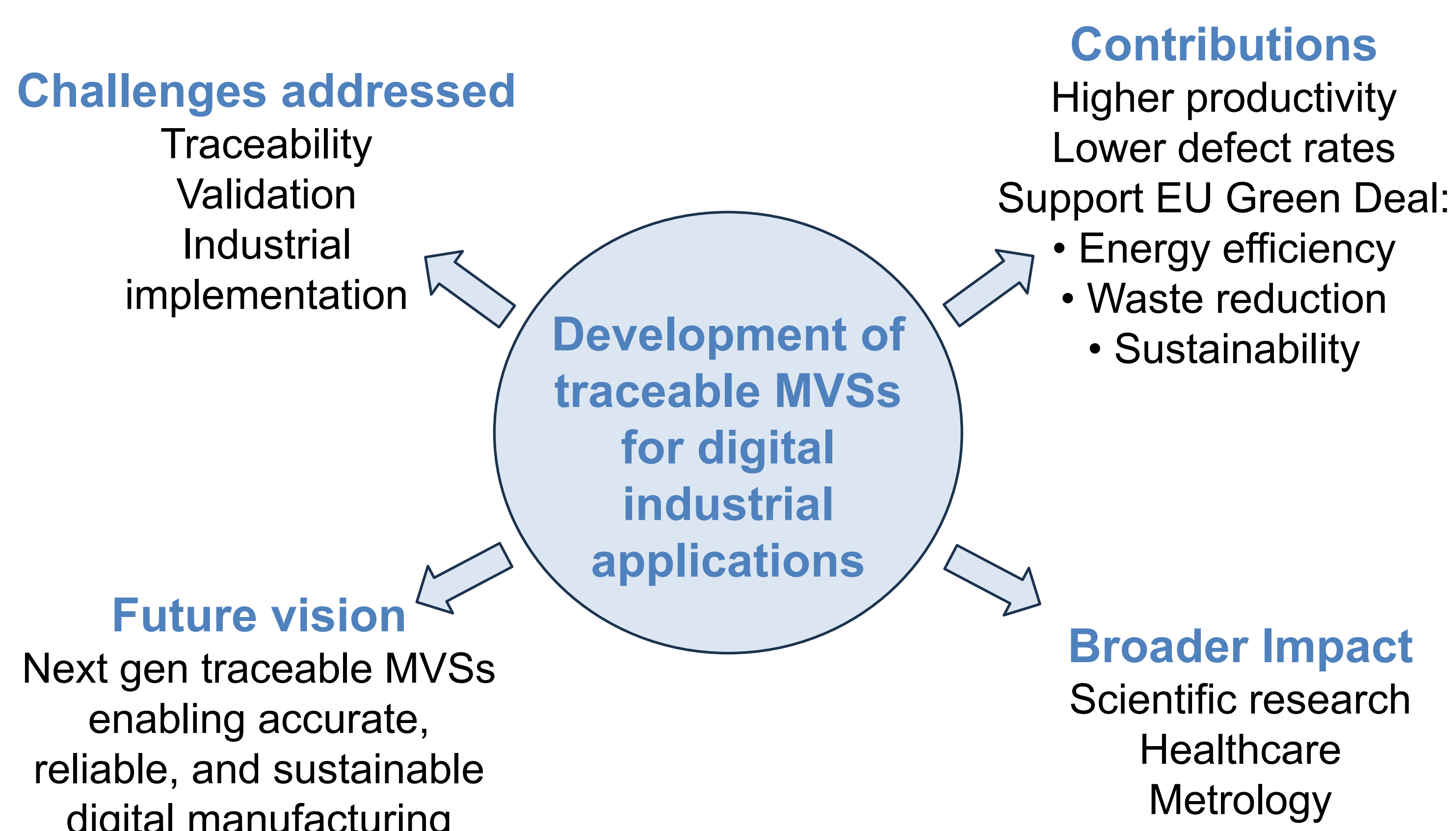
Key deliverables include:

- new calibration standards for MVS traceability;
- validated DTs for error analysis and optimisation;

- GPGs for industrial adoption;
- technical reports on algorithm development and industrial validation.



Outlook



Consortium



Acknowledgements

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