

The logo for R3-MYDAS is displayed in large, white, bold, sans-serif font. The '3' is stylized with a diagonal line through it. The background of the top section of the page features a green landscape with rolling hills and several wind turbines under a blue sky with light clouds. A large, semi-transparent green circle is overlaid on the right side of the image.

# R3-MYDAS

## Newsletter 1

### Article 3

## R3-MYDAS formalizes ambitious targets to demonstrate industrial transition to circularity

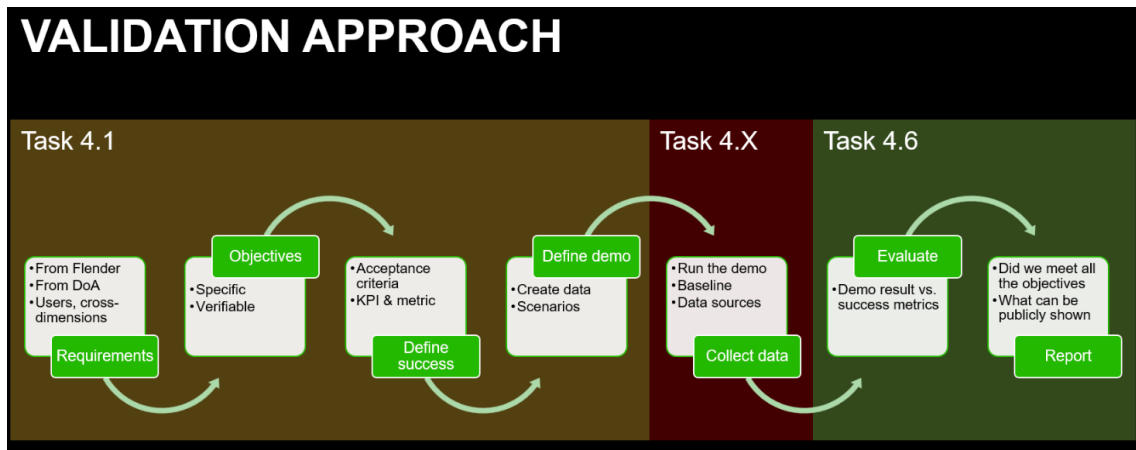


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# Newsletter 1

## R3-MYDAS formalizes ambitious targets to demonstrate industrial transition to circularity

From the project kick-off, work has started on structuring and designing the validation process for the R3-MYDAS use cases. In the wind turbine gearbox remanufacturing demo case of WP4, LUT, Flender Finland and IKERLAN are joined by CSEM and DeepBlue to design a validation process to be applied across the project.



First, the partners collect, specify and quantify the requirements coming from the use case owner (and their customers), from the ambition of the R3-MYDAS project objectives and from the cross-dimensions connecting the different use cases - digital and human factors. Then these requirements and needs are carefully analyzed to synthesize verifiable validation objectives that formalize and communicate the target and impact of R3-MYDAS – our ambition made concrete. For each objective Key Performance Indicators (KPI) and the validation exercises required to provide data for those indicators will be specified that will then guide the work for the remainder of the project. The process will conclude at end of project, where data obtained from tests and demonstration are compared against the baseline scenario (current state-of-the-art) and the agreed acceptance criteria that set the target for R3-MYDAS and publicly reported in the concluding validation report.

The precise and reliable validation of sustainability impacts is a critical issue for the rapid adoption of green technologies and new business models and circular processes. R3-MYDAS will contribute by providing a reference of an adaptable and easily implementable validation process and framework, applied across three different industrial contexts to show that sustainability outcomes can indeed be planned, measured, proven and communicated in a transparent and effective manner.