matrix FACT SHEET Objectives & Achievements: WP2 – WP5

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Overview of main planned objectives, quantitative benchmarks and achieved project results.

WORK PACKAGE	OBJECTIVE	PLANNED TARGET / BENCHMARK	ACHIEVED BY END OF PROJECT
WP2 INCLUSIVE ELEMENTS I: APP	**Accessibility and UI**	Inclusive app elements; improved access for heterogeneous learners.	Modernized app views with stronger contrast, clearer separation of functions and better usability; support for device-based text size and zoom settings.
	Automatic translation	At least 100 translated trails and 1,000 translated task components; monitor target languages.	Automatic task and trail translation implemented; language can be selected in the app settings and toggled in trail/task views. Quantitative target met.
	Read-aloud function	Read-aloud option for task and trail content; usage monitored.	Read-aloud function implemented with activation in settings, voice type selection, long-press text selection and read-aloud controls.
	New answer formats	At least 100 tasks per new answer format.	Multiple-choice with images and image enlargement implemented; fill-in-the-blanks with selectable options and distractors implemented. Target met.
	Feedback, task groups and motivation	Adaptive feedback, student feedback and better task organisation	Problem reports with image attachment, task groups at one location, adaptive feedback for typical unit mistakes and achievement tracking implemented.
WP3 INCLUSIVE ELEMENTS II: WEB PORTAL	**Student accounts and learning groups**	At least 400 student accounts, corresponding to about 30 classes; guided task creation without personal data.	Student accounts and learning groups implemented; over 10,000 student accounts and over 3,000 student tasks created in total.
	Peer review	Student accounts and learning groups implemented; over 10,000 student accounts and over 3,000 student tasks created in total.	Peer-review workflow implemented: review state, student feedback view and teacher overview of reviewed tasks.
	Easy Language and answer formats	Mark Easy Language tasks; create at least 100 Easy Language trails; implement low-threshold answer formats in the portal.	Easy Language toggle implemented; trails show Easy Language tasks; More than 100 Easy Language trails implemented; image multiple-choice and fill-in-the-blanks selection available in portal.
	Digital Classroom	At least 250 Digital Classrooms; better monitoring and export options.	More than 7,000 Digital Classroom sessions conducted; easier access, cleaner event display, filters, search and advanced export/analytics implemented.
	Content categorization and search	Improve task search and provide inspiration for teachers and students.	10,394 public tasks in 5 languages categorized into 81 object classes; 1,699 curated tasks integrated into image/object search.
WP4 DISSEMINATION	**Corporate design and PR**	Create project appearance and dissemination materials.	Project logo and design implemented; flyer, roll-up, branded rulers, pens and partner school signs produced.
	Website and access to results	Redesign MathCityMap landing page and make project materials accessible.	New landing page implemented with material and tutorial sections, including MATRIX materials and results from previous projects.
	Teacher professional development	At least 250 trained teachers/students and at least 25 teachers per country.	436 participants reached in national teacher trainings, clearly exceeding the planned benchmark.
	Partner school network	More than 50 new partner schools; more than 20 schools using/testing student accounts.	Network grew to 93 schools; 59 new schools joined during MATRIX; annual online partner school meetings implemented, more than 20 schools using student accounts.
	International meeting and wider reach	Implement International Student and Teacher Meeting and strengthen community.	ISM held in Seville in May 2026 with 9 teachers and 30 students; since project start: 44,000 new users, 70,000 new tasks and 170,000+ trail downloads.
WP5 MATERIAL DEVELOPMENT	**Self-study course for students**	Online self-learning course for students; at least 250 students working through it.	Course created, evaluated and integrated into MathCityMap; accessible via student accounts and monitorable by teachers; quantitative target met.
	Tutorial section for teachers	Support teachers through handbook/materials for using MATRIX features.	Handbook concept replaced by interactive tutorial structure on the landing page; web portal and app tutorials structured in three complexity levels.
	Teacher training slides	Develop materials for teacher training and multiplier use.	Pick-and-mix slide set with six modules created, evaluated and published in the material section; editable after download.
	Inclusive learning examples	Best-practice examples for learning difficulties, Easy Language and basic arithmetic.	Theme-based trails created for Addition/Subtraction, Multiplication/Division and Place Value; Easy Language guidelines and exemplary trails implemented.
	Additional classroom materials	Provide materials for student task creation and classroom implementation.	Worksheets for outdoor task search, indoor task creation and peer review created and tested with consortium and schools.