



# Enhance Sustainable Measures In Sports Facilities (ESMIS)

## D3.3 TOOLKIT VALIDATION RESULTS - SUMMARY

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Deliverable D3.3 TOOLKIT VALIDATION RESULTS summarizes the main results and lessons learned from the testing and validation phase of the ESMIS Toolkit across the participating countries (The Netherlands, Germany, Spain, Greece, Ireland, and Belgium). The Toolkit is a digital platform designed to centralize knowledge, tools, and best practices, assisting sports managers in transforming their facilities into high-efficiency, low-environmental-impact centers.

The validation methodology was comprehensive, incorporating local workshops, direct user testing via the self-assessment questionnaire, and continuous consortium evaluations for agile improvements. The findings are structured into three phases:

- **Phase 1 (Initial Evaluation):** Based on the benchmarking study and initial workshops, direct improvements were implemented. These included expanding facility typologies to include new definitions of outdoor and indoor spaces, and refining consumption indicators to more precise metrics like "liters/use" and "kWh/use" to allow for accurate cross-country comparability.
- **Phase 2 (Continuous Evaluation):** The consortium adapted the platform's elements in real-time. Because facility managers found it time-consuming to gather quantitative data independently, the data collection strategy successfully shifted to a guided approach where project partners accompanied the process and, subsequently, a tutorial has been implemented through one of the webinars.
- **Phase 3 and Conclusions:** The final evaluation confirmed that the primary barrier for the sports sector is the lack of time and resources. This was effectively mitigated through a "Direct Assistance Strategy", leveraging regional clusters to help facilities input their data. Ultimately, the report proposes future developments, such as a mobile app, a multiuser admin panel, and targeted dissemination to ensure the platform's long-term viability and sustainability.



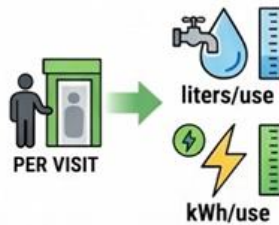
## PHASE 1 - Initial Evaluation & Refinement

### Local Workshops & Stakeholder Feedback



In-person and online sessions engaged managers to refine the platform's focus on actionable, quantifiable impacts.

### Transition to High-Precision Metrics



Based on feedback, consumption indicators were updated for accurate cross-country benchmarking.

### Expanded Facility Categories



New classifications cover the full scope of sports organization footprints.

## PHASE 2 - Continuous Evaluation & Structural Updates

### Benchmark vs. Inspirational Cases



Data-rich cases for analysis.

Provide value even without complete quantitative data.

### From Document Dump to Educational Hub



Upgraded repository includes expert webinars and specific tutorials on the four pillars.

### Robust Admin Quality Control



New Multiuser Admin Panel allows consortium to validate and standardize user-submitted data before public display.

## PHASE 3 - Final Evaluation & Barrier Mitigation

### Identifying the "Resource Gap"



Final testing confirmed primary barriers: severe lack of time, finances, and dedicated sustainability staff.

### The Direct Assistance Strategy



Partners mitigated barriers by pre-filling questionnaires; managers only verify data and fill in critical quantitative gaps.

### Leveraging Regional Clusters



Trusted regional facilitators proved essential for reaching facilities and ensuring data accuracy.

## CONCLUSIONS & FUTURE DEVELOPMENTS

### Technological Evolution: Mobile App



Future plans include a mobile application for on-site tasks like real-time image uploads and facility self-assessments.

### AI Integration & Automated Reporting



Exploring AI tools for rapid translation of guidelines and automated data checking for platform integrity.

### Network Expansion & Community Engagement



Platform will expand to more countries, utilizing White Paper and promotion to build a long-term European sustainability community.