

WELCOME AND PREVIEW





Agile Projects Task Force Goal

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Develop projects among NMI's in collaboration with SIM working groups, task forces, customers and stakeholders in agile way, coordinating, transferring knowledge and providing support.

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General objectives of the Agile projects





REDUCE DEVELOP TIME



REDUCE

UNCERTAINTY(MITIGATE RISKS, RAPID IFENTIFICATION

OF RISKS)



IMPROVE EFFICIENCY

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CUSTOMER SATISFACTION

IMPROVE QUALITY

IMPROVE THE CHANGE CAPABILITY M4DT-DAY

Specific objectives of the Agile projects for the M4DT effort



Promote and share knowledge to develop projects using agile principles and model (iterative and adaptative) to each interested working group.



Work in collaboration with the working groups and stakeholders to give a track of the development of projects to deliver in time.



Increase the commitment of the different NMI's participants in the projects using Agile model



Increase the Quality in the delivery of the projects working with the different groups to find joint efforts and develop them in an agile and cross-cutting manner.



Generate feedback information with the experiences achieved that can serve the working groups and stakeholders in their meetings and developments.



	Challenge	Mitigation solution
	Implementation is difficult without practice	Workshops are available and the Task Force will guide in all the process of implementation to improve it.
2	Change resistance	Agile models work is based on people and their culture, so the change will be gradual through the example of teams and groups that have already adopted the model.
	Implementation is difficult in traditional organizations	The agile model proposes the efficient propagation of a work structure and value development, so that any organization that contemplates value chains and technology should have no problems.



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Agile model as seen from experience #1 National Metrology Institute-México

Metrological project with agile model

Development of a functional system to improve acoustic comfort in the interior of vehicles, comparable in performance with international brands with more than 10 years of experience.

Metrological knowledge: Vibroacoustics

Project Budget: US\$ 300,000.00

Time: 3 years (demonstration iterations every 6 months and then every year thereafter)

Status: Successfully completed and with new opportunities for collaboration.

Risks: COVID-19,

Mitigation Plan: Agile model to adapt and make changes.

Agile Team member # 7 1PO-1PM-1SM-4Devops



Agile model as seen from experience #2-Task Force Agile Pilot Project

Development of

metrological cloud

development

proposals and digital

calibration

certificates.

Time: 6 months





Certificates (DCC) Pilot project objective: Elaborate the Application Portfolio and Functional Specification for the DCC



Metrological

knowledge:

Metrological cloud

and digital calibration

certificates.

Risks: Delays due to learning the agile model.

Agile Pilot Project

Project budget: \$0

Mitigation plan: Periodic follow-up of blockages, planning with the coordinating group, improvement for next projects.

Metrological Cloud: 10, Digital Certificate: 12 - Main Hanner Ha



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Metrological Cloud (MC)

Pilot project Objective: Elaborate the Concept and Functional Specification of a SIM Metrology Cloud



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6/30/2021

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Taking into account lessons learned

Together with the agile project task force coordinating group, we redesigned and adjusted the work structure and role definition, to adapt them to the work between NMIs.



Structure of the Agile Projects Task Force for M4DT effort

Restructuring of the organization

- Remote interactions
- Definition of scopes
- Acceptance criteria
- The improved structure of the agile project group is shown below.



Example of Implementation

Defining the agile project



Example of Implementation

Defining the agile project

Review of the issue with the agile project coordination group.

Definition of strategies and identification of roles according to the project members. Effective training of the simplified agile model to project members

Agile day meeting where customers, stakeholders and collaborators meet with the project team and agile project coordinator group to define the EPIC and Features, in common agreement is accepted and continues with the breakdown of the Features to Story's that will be defined by applying the agile estimation methodology.

Request for expedited

project attention from

or collaborators.

stakeholders, customers

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Conclusions

The agile projects task force provide support to stakeholders to make their projects more successful in delivering value by satisfying their requirements, the lessons learned from the pilot projects allowed structuring a new way to implement the agile model and to provide follow-up and control. Always having and seeking interaction between the national metrology institutes to develop projects around the digital transformation and the improvement of the objectives of the Inter-American metrology system.

Join Our TEAM

JOIN US

If you are interested in participating in agile projects and receiving technical and management knowledge, please contact us. Be part of the success in agile movement

QUESTIONS AND CONTACT



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