



**Home Office
Update
19th July 2022**



Geoff Thompson

- Chairperson TMMi Foundation
- Chairperson UK & Ireland Testing Board
- Associate Vice President Qualitest

www.tmmi.org

TMMi Foundation

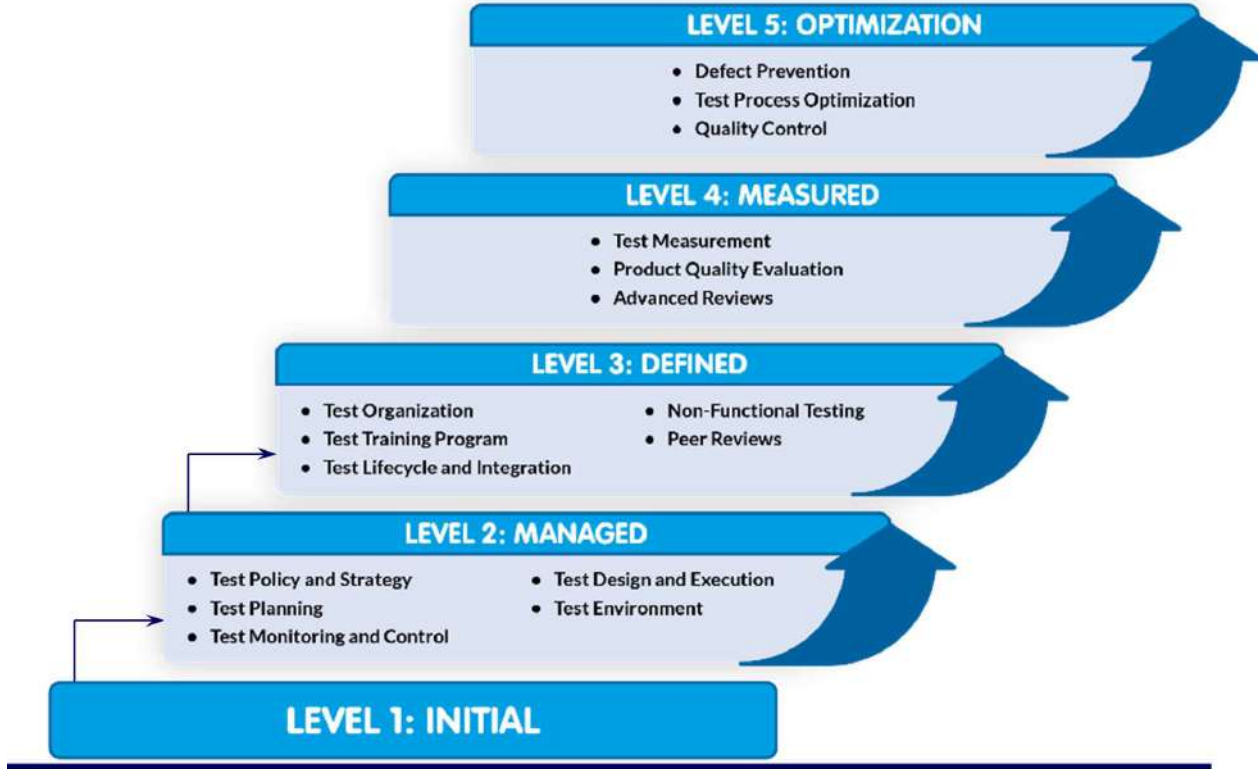
- TMMi Foundation (2005)
 - Develop the TMMi model
 - Framework for TMMi assessments
- TMMi model published in 2010
 - ISTQB, IEEE, CMMI, best practices
 - Available in English, Chinese, French, Spanish and Portuguese
- Independent model
- *World leading model* for test process improvement
 - Confirmed by IEEE/Gartner

www.TMMi.org

TMMi[®]
FOUNDATION

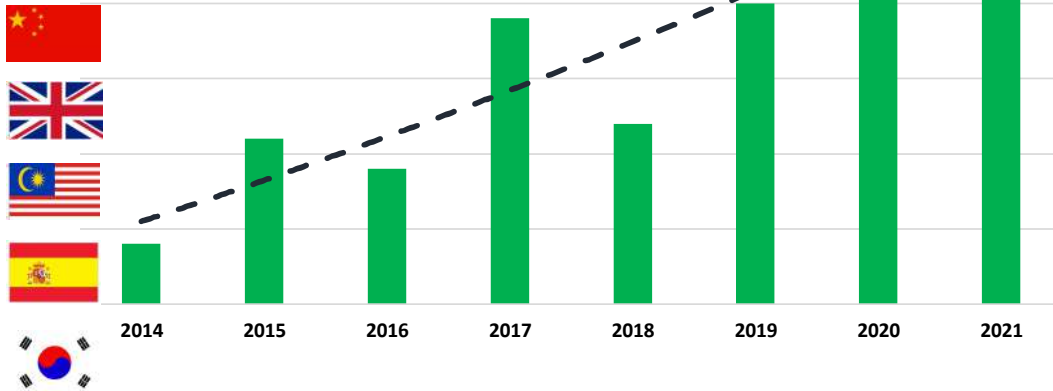


TMMi Process Areas



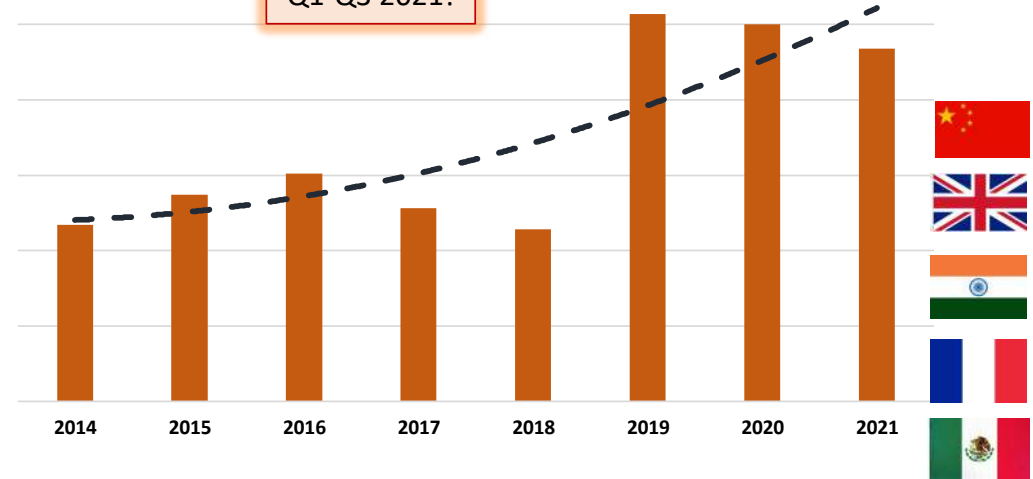
Growth

35% growth
Q1-Q3 2021!



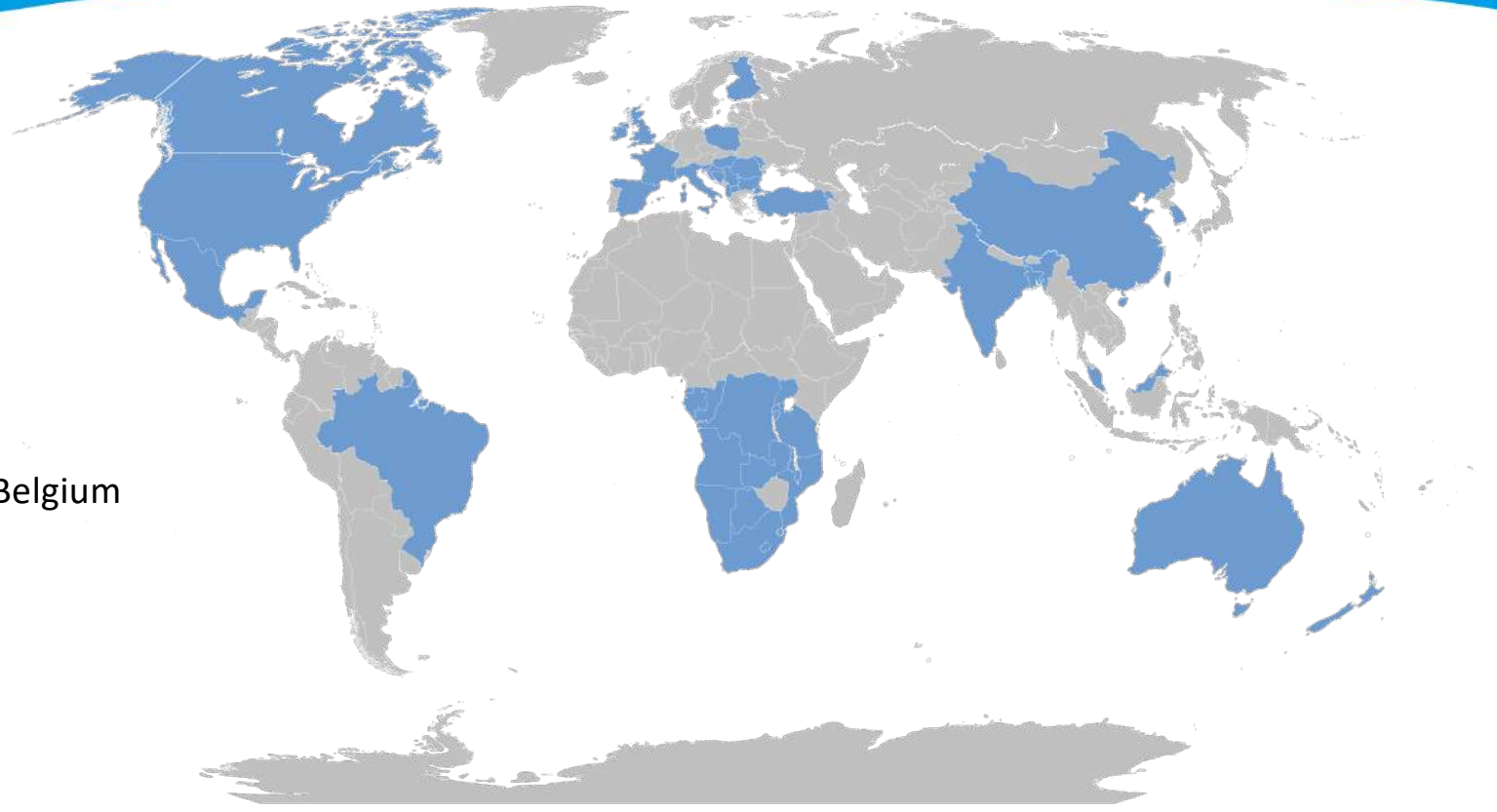
Number of TMMi certified organizations

29% growth
Q1-Q3 2021!



Number of certified TMMi professionals

TMMi Local Chapters



Currently 25 local chapters

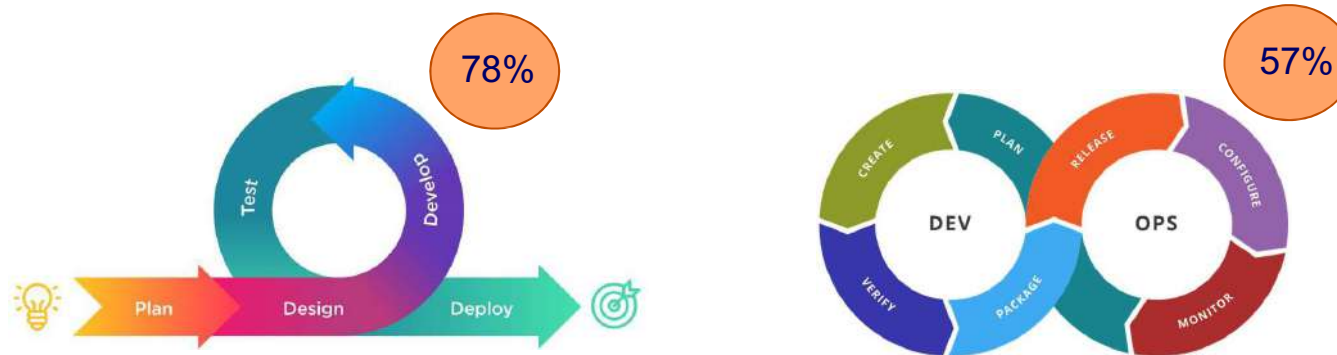
- New 2022:
 - Nigeria
 - Netherlands and Belgium
- In progress:
 - Germany

World-wide User Survey

- Survey designed together with university team
- Address market needs, understanding benefits of TMMi and challenges
- All TMMi assessed organizations invited
 - Both informal and formally assessed
 - Since inception of TMMi assessment framework
- Return rate 64%
- Highly experienced TMMi users (\approx 4 years)



Software Life Cycle

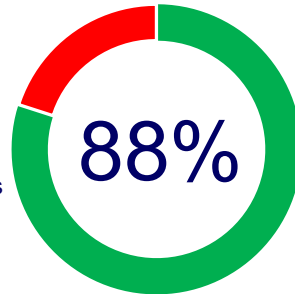


69% of the TMMi users use multiple life cycle models!

TMMi Benefits

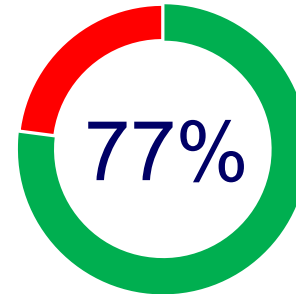
Product Quality

Enhanced product quality
Reduced product risks
Reduced number of defects



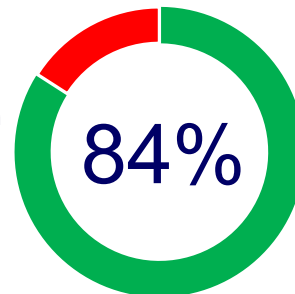
Test Efficiency

Increased test productivity
Accelerated software delivery
Reduced project costs



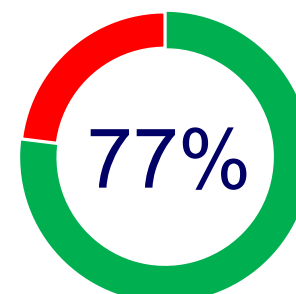
Compliance

Achieved TMMi certification
Achieved standard compliance



People

Improved test engineering discipline
Improved team morale



Quantified Benefits

TMMi
CERTIFIED
LEVEL 3



Test predictability
increased by 70%



Higher product risk
coverage (now at 80%)



DDP increase from 60
to 70% at system testing

TMMi
CERTIFIED
LEVEL 4



Time-to-market
reduction by 7%



DDP at system level
improved by 22%



Development cycle from
3 months to 1 month



Reduced cost of
external testers by 10%

TMMi
CERTIFIED
LEVEL 5



DDP to production
improved by 30%



Test estimation now
95% accurate



Test efficiency improved
by 25%



Regression test cycle
from 4 hours to 30 minutes

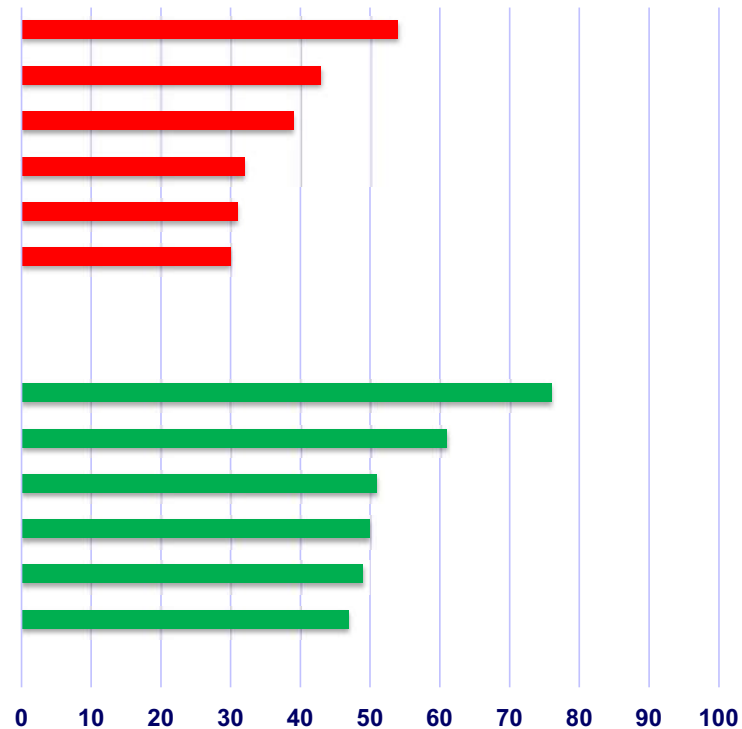
Top Challenges and Advice

CHALLENGE

- Inconsistent processes accross teams
- Lack of skills/experience with TMMi
- Organizational culture
- Maturity development organization
- Resistance to change
- Too few resources

ADVICE

- Involved testers when defining processes
- Ensure you interpret the model
- Identify and engage process champions early
- Provide templates and share best practices
- Define both long term and short term goals
- Change take time; realistic expectations



CURRENTLY AVAILABLE

- 'TMMi in the Agile world' white paper
- 'How TMMi supports the Three Ways of DevOps' white paper
- Changes in CMMi and how they affect TMMi
- TMMi Worldwide User Survey

<https://www.tmmi.org/case-studies/>
<https://www.tmmi.org/tmmi-documents/>



COMING SOON

- TMMi V1.3 – (due for release in 2022)
- TMMi 2.0 and TAMAR 2.0 (“due to be released in 2024”)
 - Will include full alignment CMMI 2.0, Agile, DevOps, ISO, IEEE, CR’s, test automation, etc.
- IEEE Publication in queue for publication
- TMMi and Quality Engineering



<https://www.tmmi.org/news/>





THANK YOU

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