

# QIF Training Program Overview

MBE/QIF Summit 2024

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# QIF Training Program Initiative

## Why do we need training?

1. **Equal** foundation across the board to promote consistency of knowledge
2. Draw attention to QIF and the potential it contains
3. Potentially increase DMSC membership and interest, allowing more opportunities for growth and new working groups
4. Prepare new and seasoned users to take advanced courses curated by the community



# QIF Training Program Initiative

## What does the program entail?

This is intended as a web-based, unique-to-QIF certification program, that is designed to offer multiple levels of QIF implementation and general use knowledge to a diverse market of users.

- Multiple courses to be developed, providing entry-level and advanced knowledge about QIF and implementation practices
- Provides current case studies offering detailed looks at how industry leaders are using QIF today
- Varying levels of courses and content ensures that users are only taking courses that are relevant to their roles and needs at their company



# QIF Training Program Initiative

## Four key areas to start:

- Marketing strategies
- Curriculum and content development
- LMS hosting
- Roadmap for future training



# QIF Training Program Initiative

## Introductory Courses

Navigating QIF Resources using DMSC (1 hour)

Fundamentals of QIF (4-8 hours)

## QIF Implementation

Measurement Resources

QIF Implementation Courses (Level 2) (8-16 hours each)

QIF Plans

MBD Implementation

## QIF Certification

QIF Expert Certification (Level 3)



QIF Level 2 courses will provide deeper understanding on specific topics related to QIF

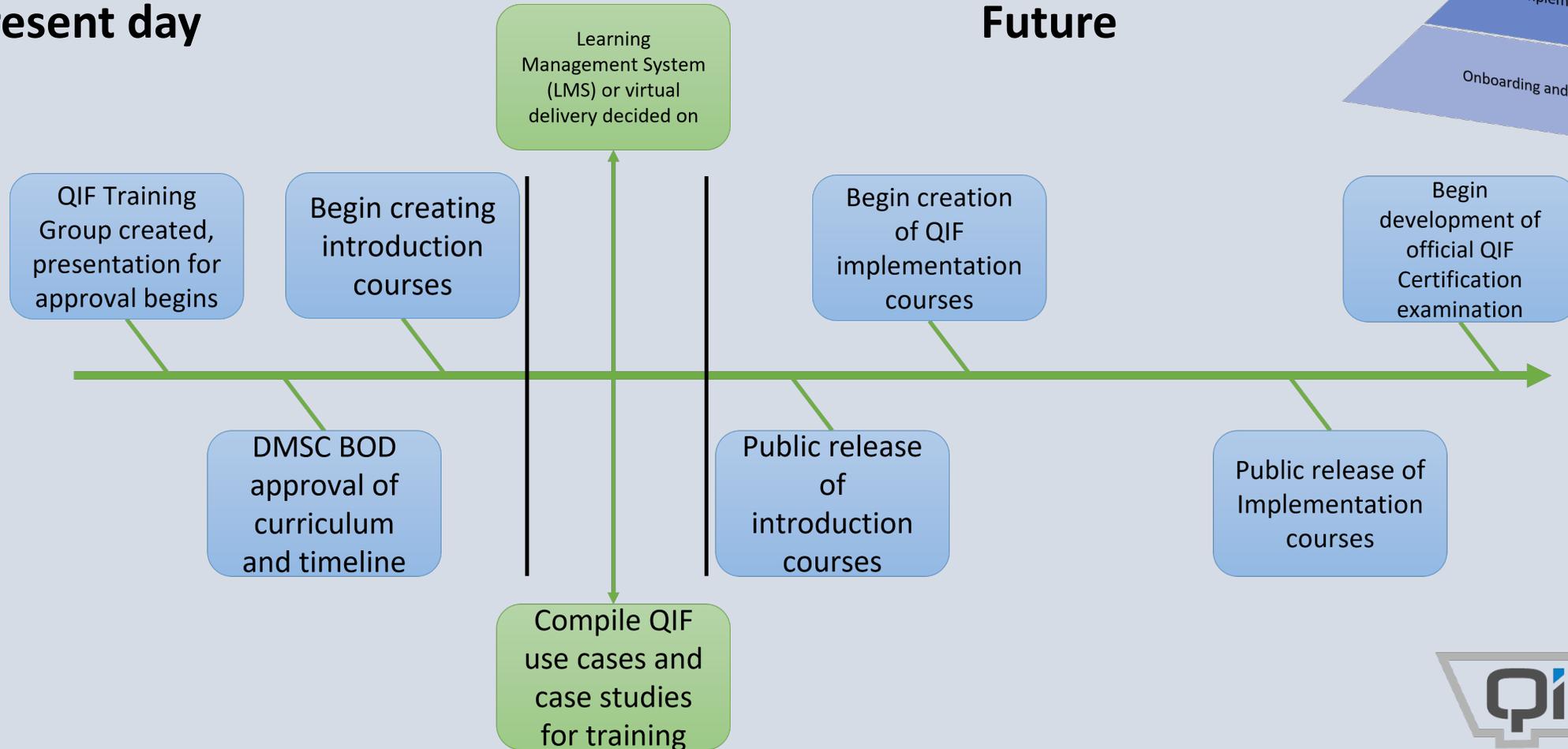
Three examples of these topics appear under the “QIF Implementation” category in the smaller blue boxes



# QIF Training Program Initiative Timeline

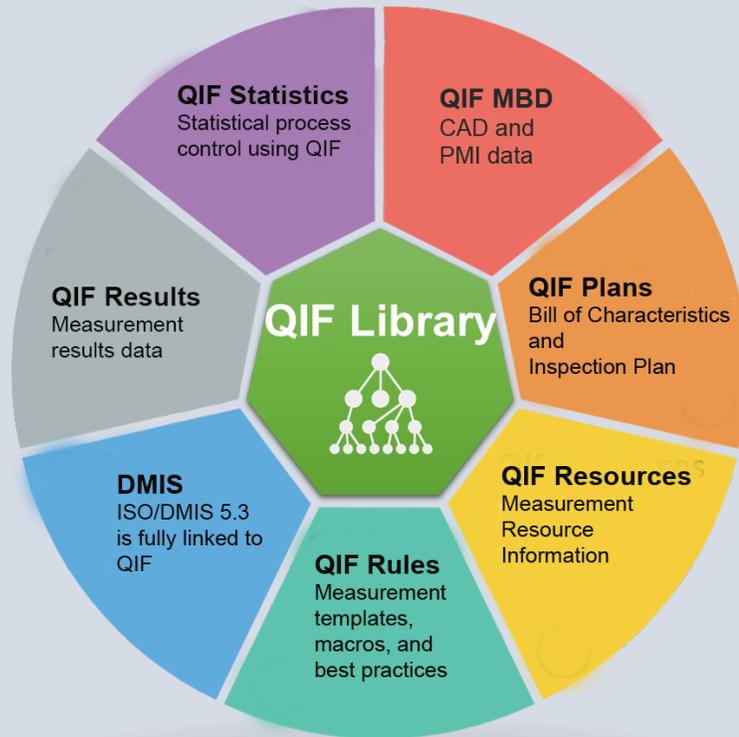
**Present day**

**Future**



# QIF Training Program Initiative

## Curriculum Development:



**QIF 3.0: 531 Pages**

### Fundamentals of QIF:

- What is QIF?
  - Description of history thus far, the standard
  - Features and characteristics
  - Relationship to ASME and ISO standards
  - Introduce the text part of QIF 3.0
- Why QIF?
  - Uses for QIF, use cases up front
  - Application areas
  - Business Value
  - Time savings



# QIF Training Program Initiative

## Curriculum Development:



**QIF 3.0: 531 Pages**

### Fundamentals of QIF:

- Manufacturing quality workflow discussion
  - QIF activity workflow and digital thread
- QIF MBD discussion
  - Extensive visualization capabilities
- QIF instance file overview
  - Students will learn how to view and navigate these files
- Walk through one or two simple QIF instance files



# QIF Training Program Initiative

## Not just for potential customers...

Providing training is a value-add proposition for current and future members:

- Giving members a voice in future training helps ensure their needs are being met
- All new and in-development training would be able to be seen by DMSC members
- Participate in community outreach meetings to evaluate the current roadmap



\*Future member benefits being discussed internally\*



# QIF Training Program Initiative

## Next Steps:

- Technical WG to refine curriculum
- Logistics WG to plan hosting/marketing
- Format for training hosting needs decided
- Existing QIF content needs reviewed
- BoD check-in, updates from WG
- Continue community outreach



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Chair



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