APQP④Wind®
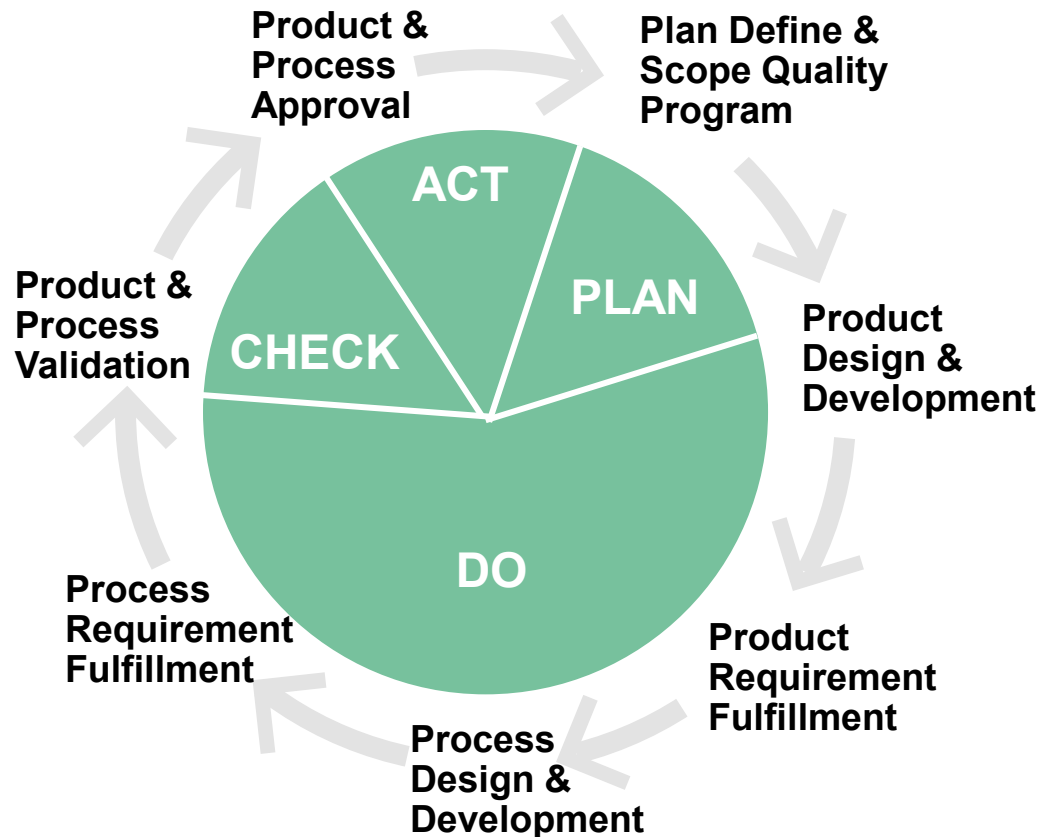
How to get started with APQP4Wind

What are the benefits and outcome

- You will know how APQP4Wind is structured

- You will understand the interfaces and workstream of APQP4Wind

- You will know how APQP4Wind supports you in your daily work to manage a project

- You will understand how to roll out APQP4Wind in your organization to ensure customer satisfaction

- You will know what steps are necessary to set up an APQ4Wind implementation

APQP4Wind®

Advanced Product Quality Planning

Product & Process Approval
Plan Define & Scope Quality Program
ACT
PLAN
Product Design & Development
CHECK
Product & Process Validation
DO
Product Requirement Fulfillment
Process Requirement Fulfillment
Process Design & Development

APQP4Wind is…

- A **workstream** through all relevant departments for developing and manufacturing a product

- A **method** to organize interfaces between responsible stakeholders in the organization

- A **structure** to achieve effectiveness

APQP4Wind®

What do you need?

- A method to connect interfaces

- Methods/Tools to organize data

- Training/Experience to support efficient workflow

- Resources to run the methods and tools

- An IT landscape to exchange data

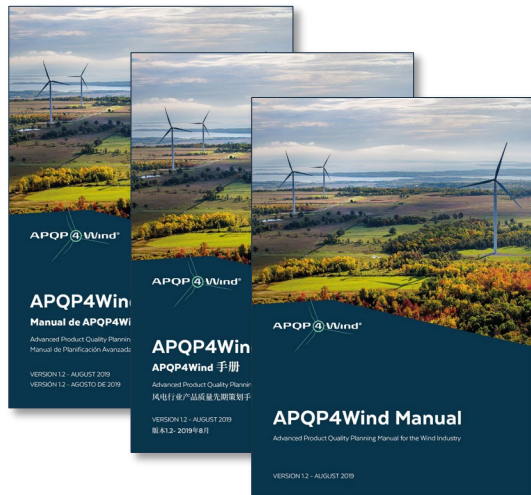- An Organization to identify interfaces

Training/ Experience

Methods/ Tools

APQP4Wind

Resources

Organization

IT Landscape

APQP4Wind®

Training/Experience

Training/ Experience

Methods/ Tools

Resources

APQP4Wind
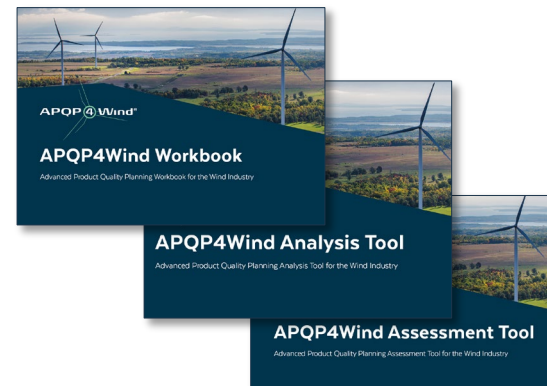
Organization

IT Landscape

The APQP4Wind Elements
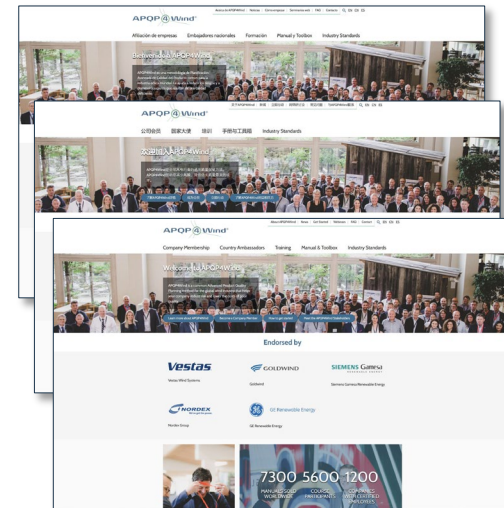
Manual:
English, English/Chinese & English/Spanish

Toolbox:
Workbook, Analysis Tool & Assessment Tool

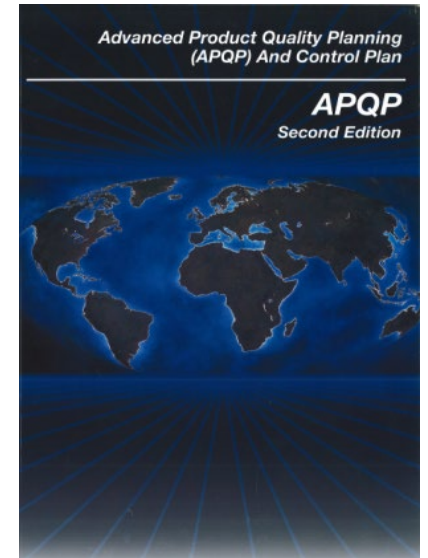**Website:**
English, Chinese & Spanish

Training Providers:

The APQP4Wind website www.apqp4wind.org will support you with knowledge and information.

APQP4Wind®

Training/
Experience

Methods/
Tools

Resources

APQP4Wind

Organization

IT Landscape

Resources

- An additional source of information is the website of the Automotive Industry Action Group: www.aiag.org

- Here, it is recommended to order the 'Blue Books'.

- Special fields of APQP are addressed under headlines such as APQP, FMEA, MSA, SPC, PPAP.

Advanced Product Quality Planning
(APQP) And Control Plan

APQP
Second Edition

APQP 4 Wind ®

Resources

Training/ Experience

Methods/ Tools

Resources

APQP4Wind

Organization

IT Landscape

Skilled employees from different departments will be needed for a successful APQP4Wind workflow.

The departments for:

- Sales

- Engineering

- Production

- Procurement

- Quality

should have fundamental knowledge of APQP4Wind.

APQP4Wind®

IT Landscape

- APQP4Wind can easily be merged into an already installed Integrated Management System.

- If not available, a network structure will help a lot to ensure an efficient workflow. Together with several applications from different business units, the APQP4Wind process should be lean.

- Pull and push information systems should be considered and 'stand alone solutions' should be connected to the internet.

- Basic applications are MS Office or adequate, CAD -, CAQ - and CAM solutions and ERP (Enterprise Resources Planning) software.
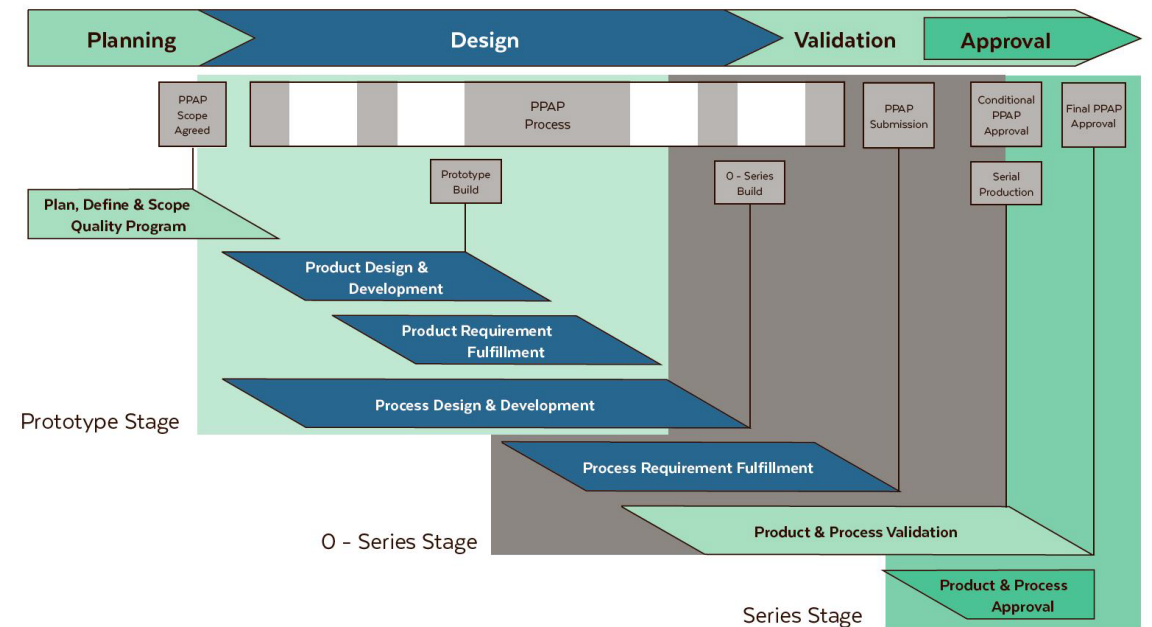
Organization

Training/ Experience
Resources
Methods/ Tools
APQP4Wind
Organization
IT Landscape

- A certification according to DIN ISO 9001:2015 or IATF 16949 and an Integrated Management System (IMS) will be a perfect foundation for a successfully operating APQP4Wind environment.

APQP4Wind Framework:

How to get started with APQP4Wind

The plan

Training/
Experience

Methods/
Tools

APQP4Wind

Resources

Organization

IT Landscape

APQP④Wind®

Roll Out Plan

It is up to the maturity of a company regarding the already installed Quality Management System. A Roll Out Plan can look like the following overview:

Plan:	Action:
Step 1: Gap analysis	• Start a gap analysis to identify lack of knowledge and sources.
Step 2: Training of involved employees and stakeholders (Awareness and Specialist training)	• Selection of Training Providers and execution of training plan.
Step 3: Introduction to organization	• Along with promotion activities and awareness events, the new APQP process needs to be introduced to the organization.
Step 4: Improving, changing or implementing needed methods and tools, restructure organization	• According to the gap analysis, all weak resources need to be improved, changed or just created.
Step 5: Pilot phase: Training loop and 'real data pilot'	• Run with a Project Quality Plan. The new process shall be tested for efficiency (i.e., pilot run).
Step 6: Lessons learned and action plan	• A final 'improvement plan' can be created and followed.
Step 7: Kick off – APQP as a solid process	• Complete implementation into the Quality Management System.
Step 8: Review and PDCA, Internal Audit	• Follow continuous improvement process, perform internal Audit.

APQP 4 Wind®

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in **APQP4Wind**

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