

The Cleanroom Balance



CLEANROOM TECHNOLOGY AUSTRIA

your specialist for clean air!

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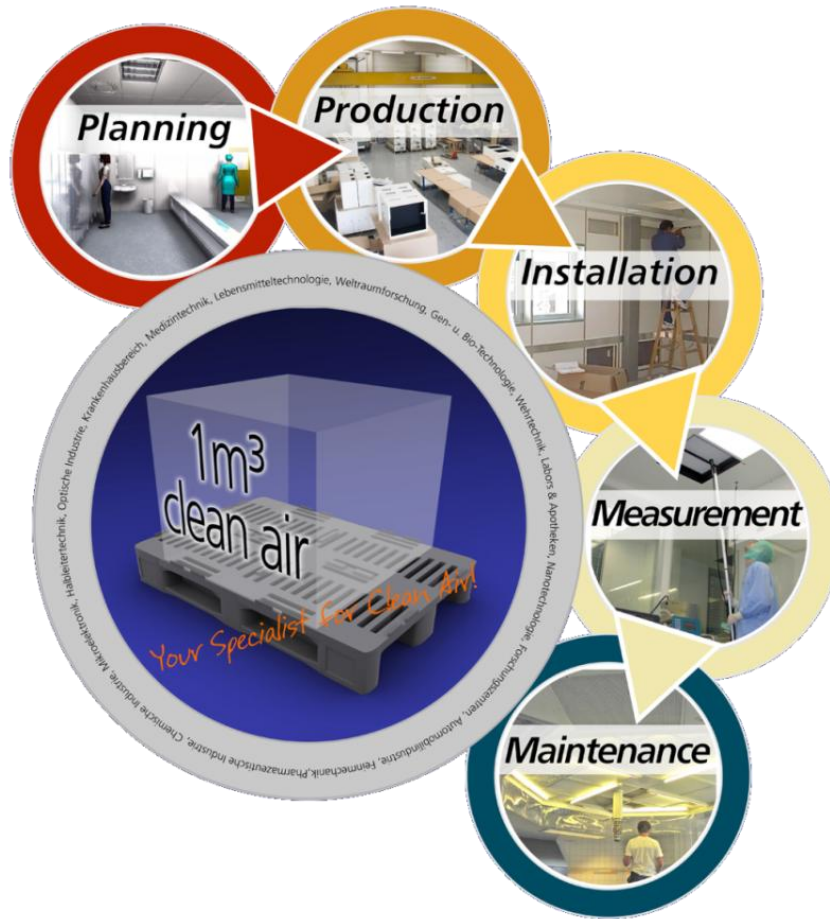
www.reinraum.at



Cleanroom Technology Austria

Roman Czech

THE WAY FORWARD TO A CLEANROOM



Planning	
Production	
Installation	
Measurement	
Maintenance	



CLEANROOM STANDARD ISO 14644

Reinraumklassen nach ISO 14644-1						
Partikel je m ³ ;						
Klasse	0,1 µm	0,2 µm	0,3 µm	0,5 µm	1,0 µm	5,0 µm
ISO 1	10	2				
ISO 2	100	24	10	4		
ISO 3	1000	237	102	35	8	
ISO 4	10000	2370	1020	352	83	
ISO 5	100000	23700	10200	3520	832	29
ISO 6	1000000	237000	102000	35200	8320	293
ISO 7				352000	83200	2930
ISO 8				3520000	832000	29300
ISO 9				35200000	8320000	293000



THE „CLEANROOM BALANCE“

ISO 5 Cleanroom



Source: sauberkeit-und-reinraum.de

ISO 5 Cleanroom



Source: Infineon.com



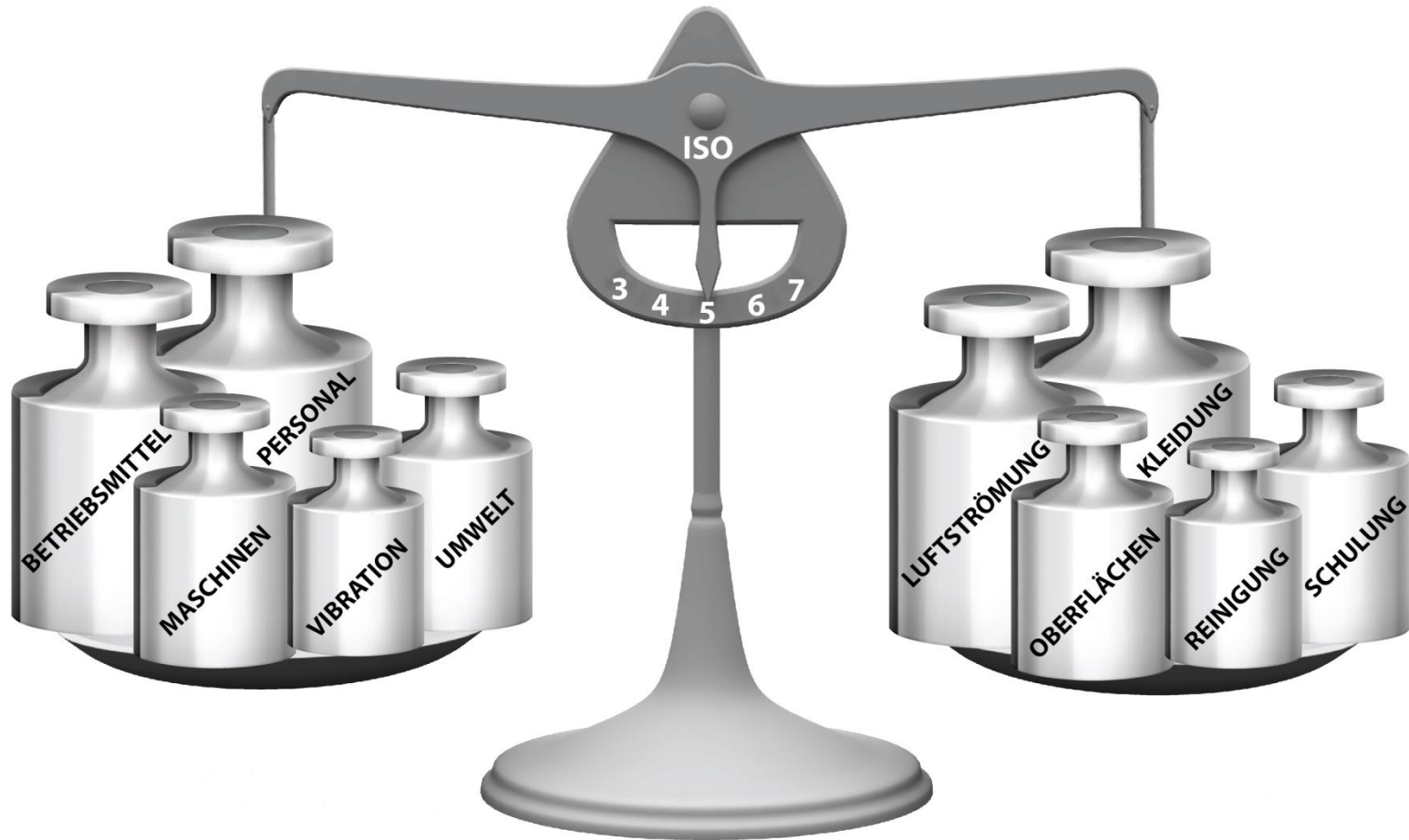
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EURO-CARES WP3 Meeting Vienna 14.-15.4.2016

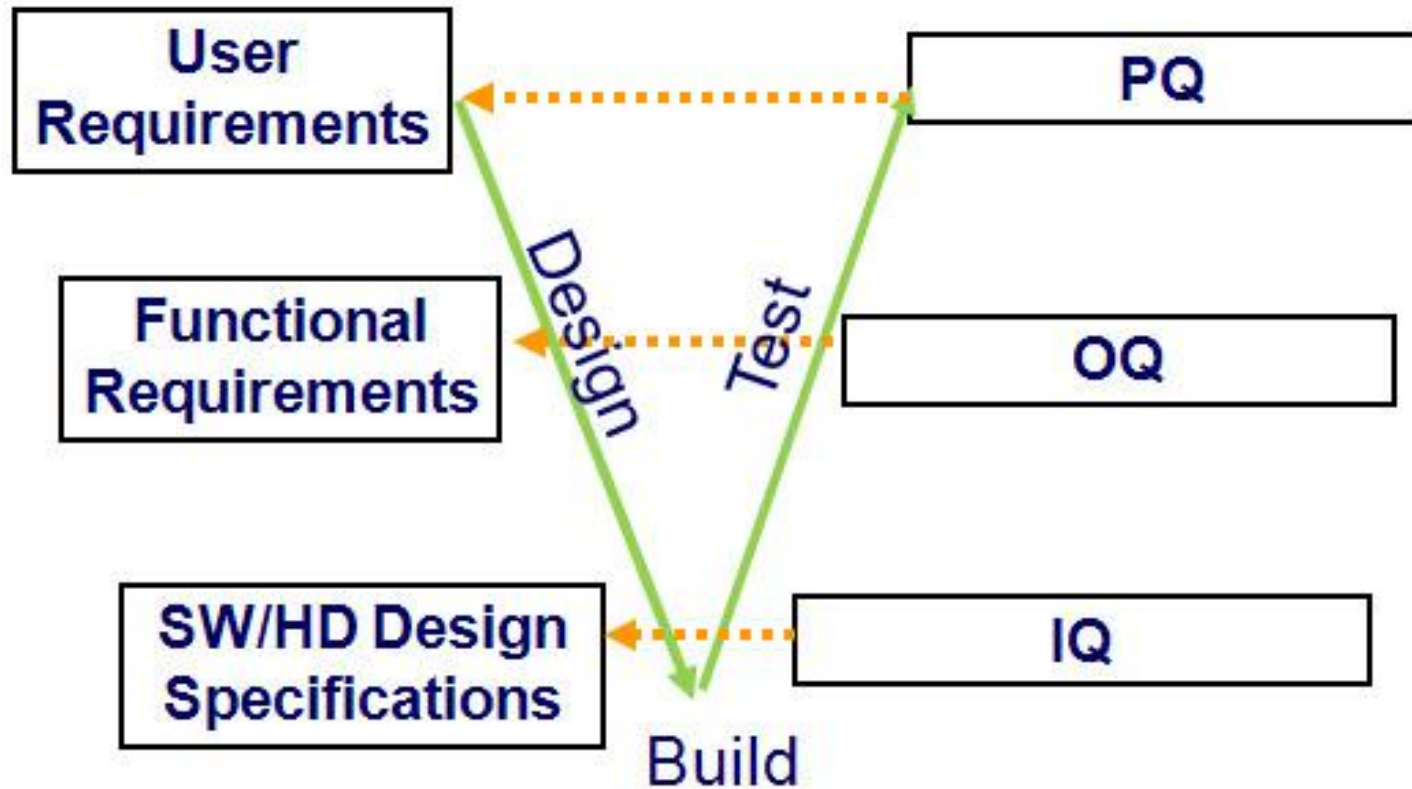
THE „CLEANROOM CHEESE DOME“



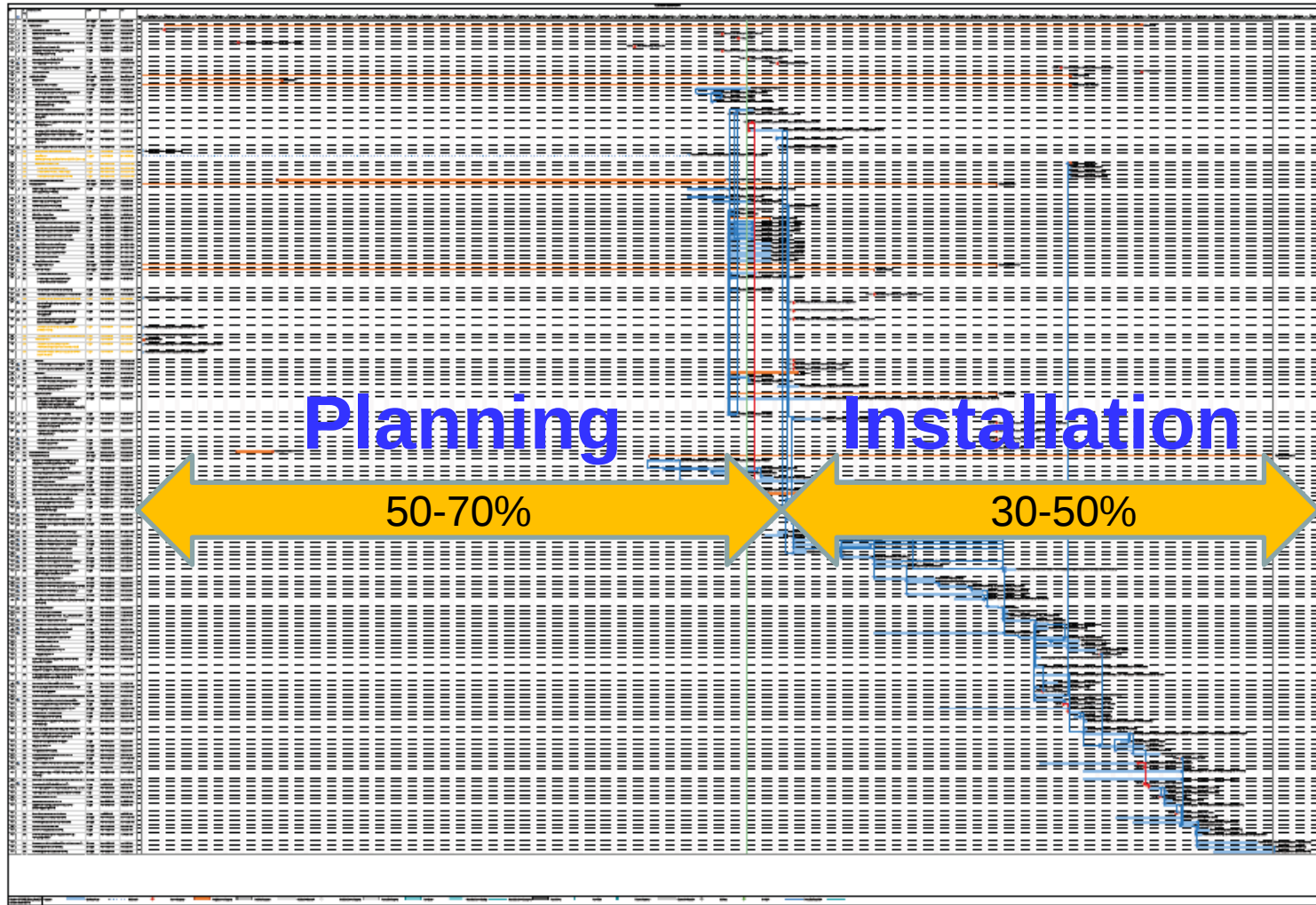
THE „CLEANROOM BALANCE“



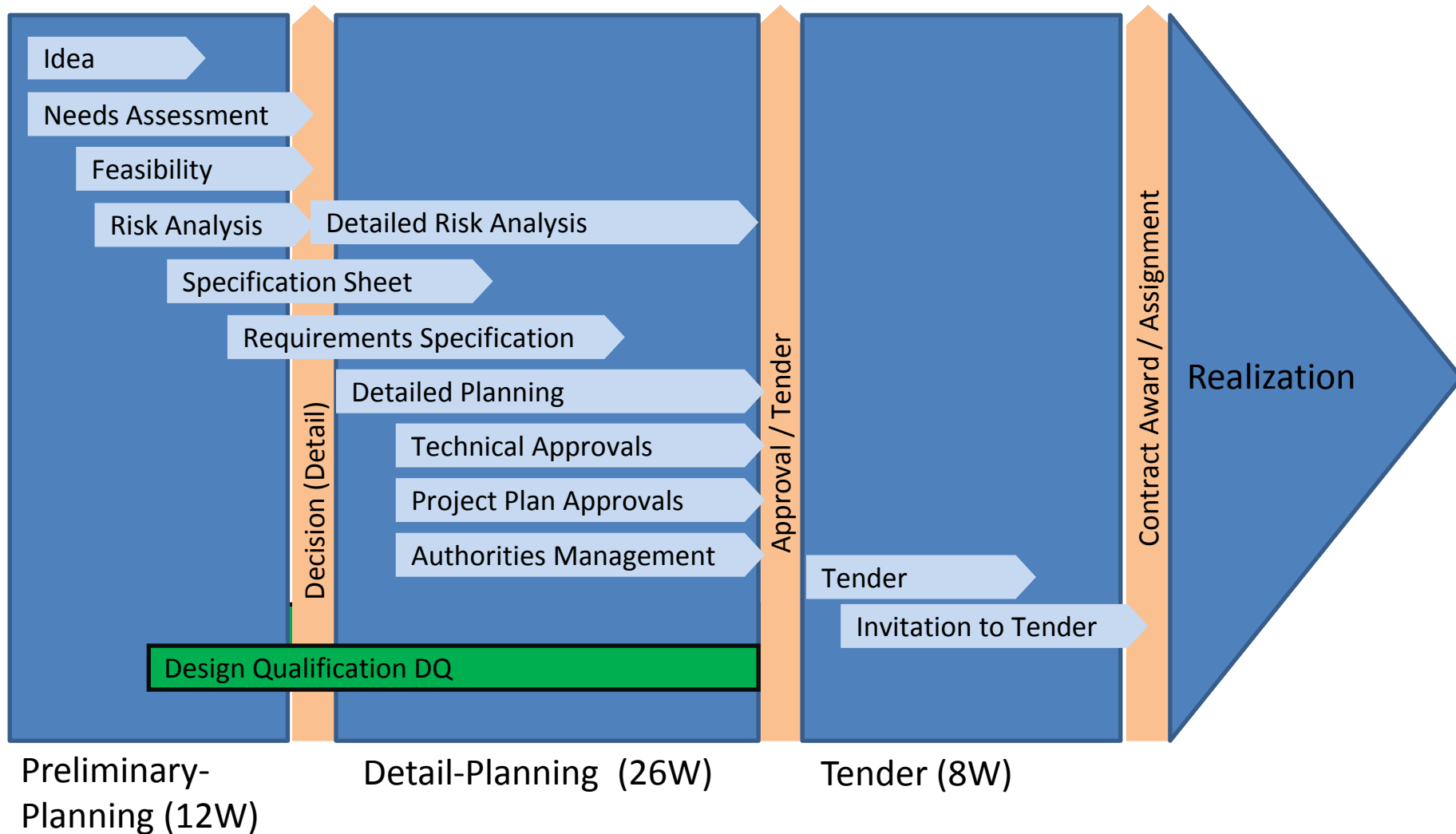
THE QUALIFICATION PHASES



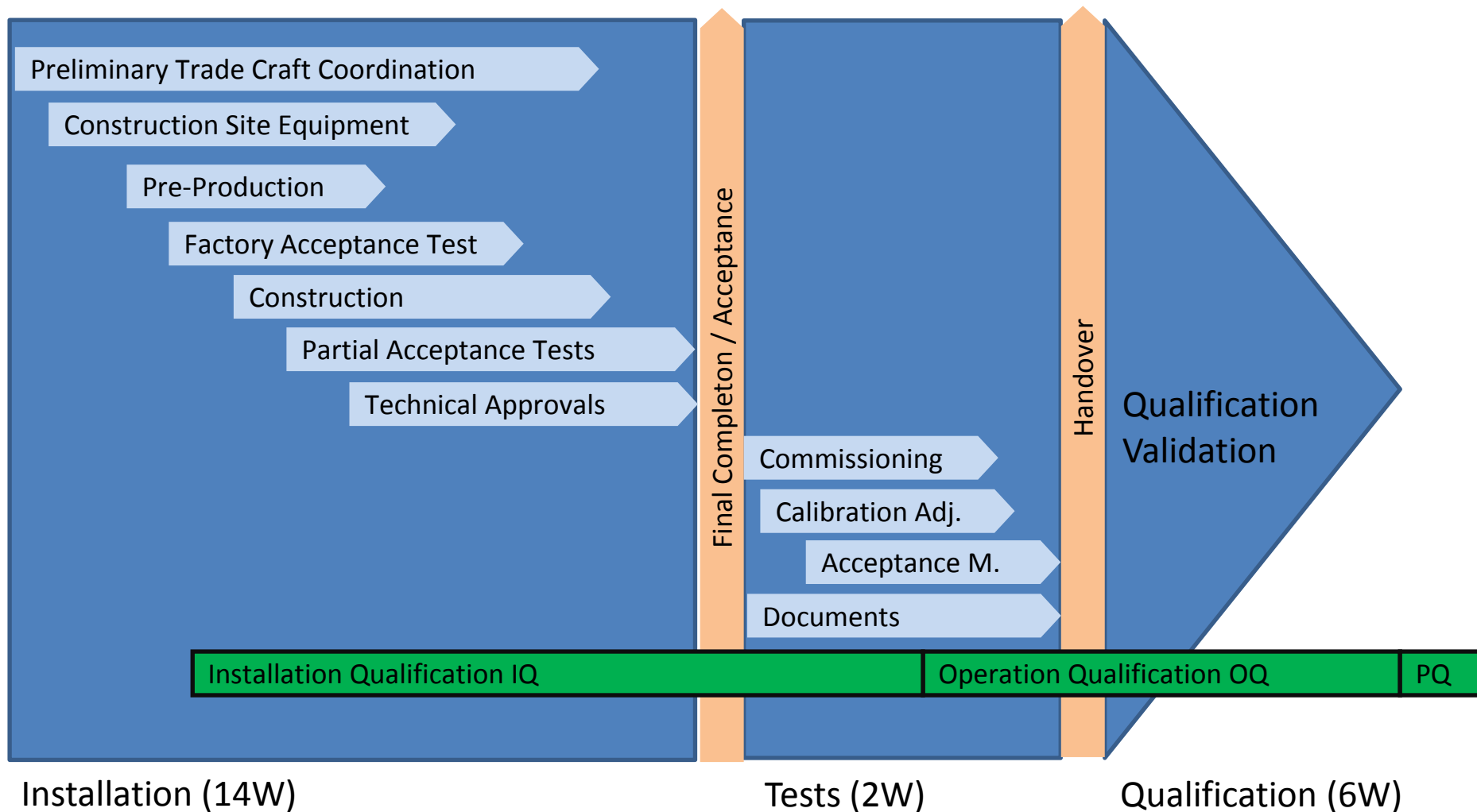
PROJECT SCHEDULE



TIME SCHEDULE: PLANNING



TIME SCHEDULE: INSTALLATION



REALIZATION



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Thank You for Your Attention!

