

## Boosting Collaboration for Digital Transformation FACTOR Ingeniería y Decoletaje



## **Collaborative Innovation in SMEs**

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Innovation Projects Manager



## **FACTOR Ingeniería y Decoletaje**

Factor is a Company whose main activity is the machining and bar turning of special parts. We also offer design and product engineering and electronic engineering services, and assembly of assemblies.

We have been present in the market for 40 years, with national and international presence, in sectors that demand a technological product with high added value.







### **FACTOR's experience in EU's Projects**







## **FACTOR's experience in EU's Projects**

### i4Q Project – H2020 IA

Industrial Data Services for Quality Control in Smart Manufacturing



24 Partners 6 Pilots









T9.1 Project Management: Set Up, Quality Procedures, and Metric Definitions

### **FACTOR's experience in EU's Projects**

#### i4Q Project – H2020 IA

#### Industrial Data Services for Quality Control in Smart Manufacturing

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	Start	End	1	2	3 /	4 5	6	7	8	9	10 1	11 1	2 13	5 14	15	16	17 1	8 1	9 20	0 21	22	23	24	25	26 27	28	29	30	31 37	2 33	34	35	36									
WP1 NEED: Industrial Scenarios and Requirements Analysis	1	36																																								
T1.1 Project Vision Consensus	1	3			D	Т	Т			Т	Т	Т	Т	Т	П	Т	Т	Т	Т	Т	Г					Т				Т		$\square$										
T1.2 Benchmarking of Technologies for Quality in Manufacturing	1	4				D	Τ							Т							Γ					Т				Т		$\square$										
T1.3 Use Cases Scenarios and KPIs	1	9				D				D																							_									
T1.4 Requirements Analysis and Functional Specification	1	9				D				D																				Τ												
T1.5 Regulation and Trustworthy System / Data Management	1	36					D						D										D										D									
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15.5 Simulation and optimisation for Smart Manufacturing Line Reconfiguration Prescription	1 10	24	і I	1	1	1		1	1								υ				_		υ	1		1	1	1			1	1	I.									
T5.4 Manufacturing Line Reconfiguration	10	24			-												D						D						$\square$				1									
T5.5 Certification and Audit Procedure	10	24	17		So	lu	10	m									D	J				U	D						$\square$				1									
WP6 EVALUATE: Piloting and Demonstrating	10	36								K.																																
T6.1 Pilot 1: FIDIA - Smart Quality in CNC Machining	10	36			Ev	olı	Jti	or		Л							D						D				L I	)				D										
T6.2 Pilot 2: BIESSE - Diagnostics and IoT Services	10	36							1							$\leq$	D						D				I	)				D										
T6.3 Pilot 3: WHIRLPOOL - White Goods Product Quality	10	36			_												-1	=	-				D				1	)				D										
T6.4 Pilot 4: FACTOR - Aeronautics and Aerospace Metal Parts Quality	10	36														>						-	D				1	)				D										
T6.5 Pilot 5: RIASTONE - Advanced In-Line Inspection for incoming Prime Matter Quality Control	10	36															J.						<b>D</b> -				L I	)				D										
T6.6 Pilot 6: FARPLAS - Automatic Advanced Inspection of Automotive Plastic Parts	10	36	П			Τ											D						D_				-	$\sim$				D										
T6.7 Generic Pilot. i4Q Solutions Demonstrator	19	36																					D									D	L									
T6.8 Continuous Integration and Validation	19	36																				Q	D		$\mathbf{O}$		C	)				0	)									
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WP7 DISSEMINATE: Communication, Dissemination and Standardisation	1	36																																								
T7.1 Target-Driven Dissemination Strategy, Plan, and Reporting	1	36		D	)							D										D										D										
WP9 MANAGE: Administrative and Technical Project Management	1	36																																								

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# FACTOR's experience in EU's Projects

### i4Q Project – H2020 IA

#### Industrial Data Services for Quality Control in Smart Manufacturing







*"Everything is an idea until you get paid for it."* 

factor

## Why collaboration?



Spain – Investigación & Desarrollo + innovación (I+D+i) Research & Development + innovation (R&D+i)



# Thank you

Boosting Collaboration for Digital Transformation

