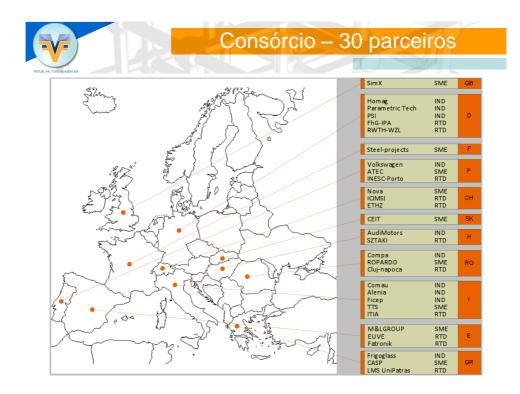


## VIRTUAL FACTORY FRAMEWORK





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		-				al al
WP	WP name	Sturk	1	2 3 4 5 6 7 8 9 10 11 12 13 14 1	5 16 17 18 19 20 21 22 23 24 25	26 27 28 29 30 31 32 33 34 35 36
WP0 F	Project MNG	1	36			
T0.1 C	Coordination and monitoring	1	36			
	Financial and administrative	1	36			
T0.3 F	Reporting	1	36			
T0.4 I	MS coordination	11	36			
WP1 b	VFF concept	1	6			
	VFF conceptual framework	1	1			
	Migration to the "factory as a product"	1	6			
	Conceptual design of the framework Pillars	3	6			
	Validation scenarios definition	1	6			
	Reference model - PILLAR I	5				
	Factory Planning Reference Model Virtual Factory Data Model	5	15			
12.3	information exchanging platform		15		-	
WP3	VF Manager – PILLAR II	7	21			
T3.1 F	Reqs and restrictions of the VF Manager	7	12			
	Information Marketplace language	7	22			
	Transaction System	13	22			
T3.4 B	implementation of the VF Manager	13	22			
WP4	Functional Modules - PILLAR III	7	30			
	Viadulas critaria and spacifications	7	14			
	Scenerion specific modules to be developed	14	24			
	Functional modules architecture	14	24			
	implementation of the modules		30			
	atogration of existing tools	18				
	Functional Modules validation and test		30			
			_			
	Knowledge repository - PILLAR IV	5				
	Definition of the project Oatology Development of Knowledge Repository	5	12			
20.2 2	Development of Knowledge Repository Knowledge Association Engine	13	18			
20.3 3	Received the second s		18			
	Development of factory templates Dood practice identification and analysis	13	18			
		15	18			
WP6	Real Factory	7				
	Models for the Factory image	17	12			
T6.2 F	Factory Image development	12	24			
T6.3 1	acceptability with the physical factory	18				
T6.4 B	Interaction with the Knowledge Repository	18	27			
WP7	Validation	28	36			
	icesserio implementation	25	76			
	Test and Evaluation of results	33				
		7	_			
	Dissemination & Exploitation Result transfer to other sectors		36 36			
	Result transfer to other sectors Dissemination		36			

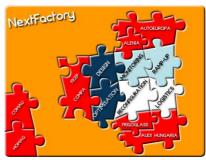
... no início ...

... até à definição do Use Case ...

expectativas e especificações... definição de domínios, tarefas e módulos







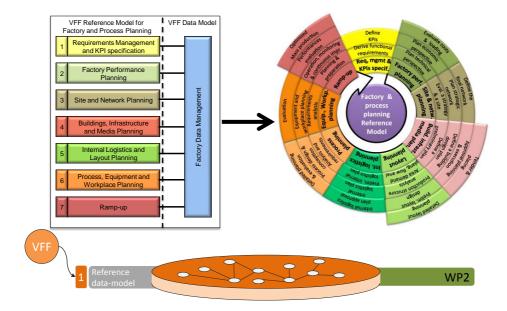
... e indicadores mensuráveis.

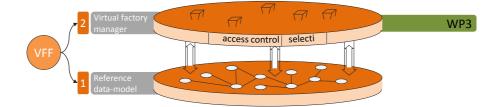
FACTORY PERFORMANCE INDICATORS

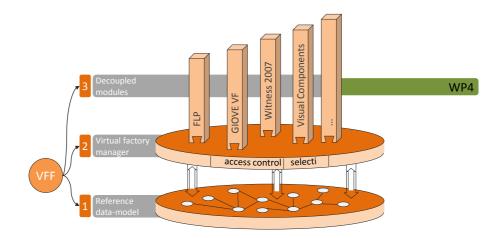
Name	Acronym	Definition	Unit	Formula	Source of data	value "as-is"	value "to-be"
Performance Efficiency	E	Measure of how a machine (or system) performs compared to the expected (designed) performance.	5		MES, SAP		5% increase
Transport Time	TT	Time spent in physically transporting the product in the	seconds		Excel, manual data collection	~40	-35

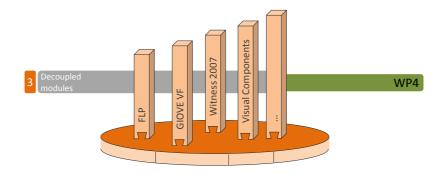
PLANNING PROCESS INDICATORS

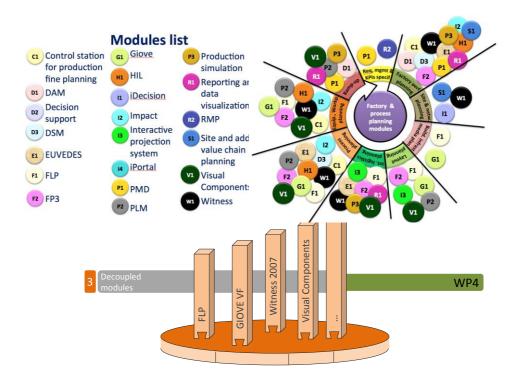
Name	Acronym	Definition	Unit	Formula	Source of data	value "as-is"	value "to-be"
Lead time	T.	The lead time should be decreased about 20% after using the VFF tool. T <sub>5</sub> is the time of shipment, while T <sub>0</sub> is the time of order release	hours	$T_{ij} = T_{g} \cdot T_{ij}$	SAP		20% decrease

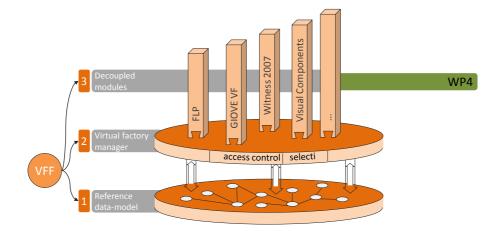


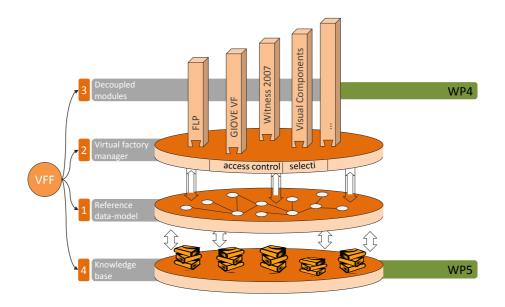


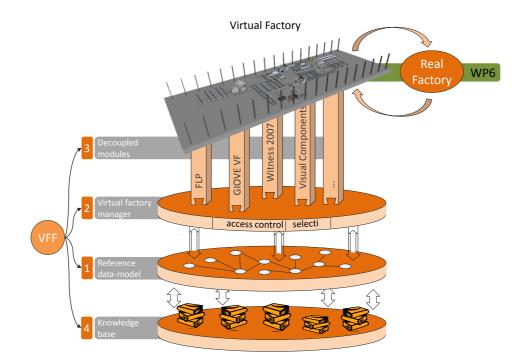


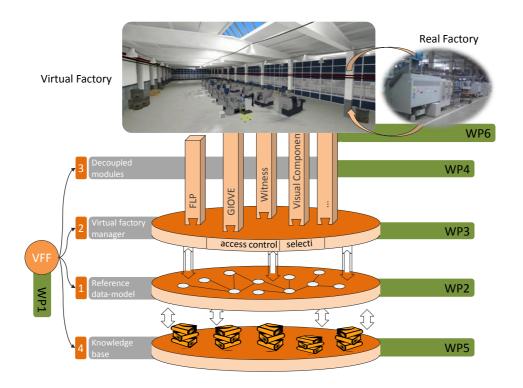


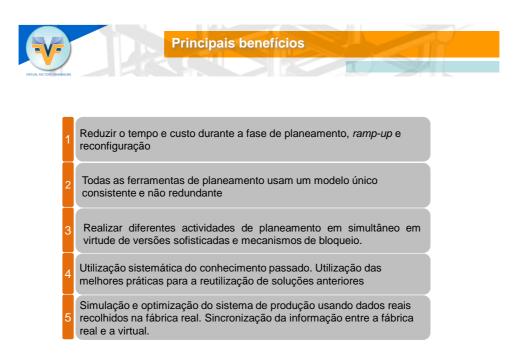














Contactos e Informação

## Web site: www.vff-project.eu

Brochura do Projecto

Newsletter: #1 e # 2

## **Redes Sociais:**

Twitter (<u>www.twitter.com</u>) VirtualFactory

Slideshare (www.slideshare.com)

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