

# SPACE<sup>TM</sup> FORUM France 2019 aero

## Planification de production MRP<sup>(1)</sup> pilotée par la Demande



**Où en est-on ?**  
Retours d'expériences aéronautiques  
Situation de déploiement

**Mercredi 4 décembre 2019**

(1) Material Requirements Planning

«Il vaut mieux être à peu près juste que précisément faux» John Maynard Keynes

**10h15 Rappel des concepts DDMRP et point sur leurs déploiements**

→ [Association Française du Supply Chain Management](#) : Caroline MONDON, Directrice du Développement

**Entreprises  
adhérentes:**

**13h30 « D comme 2000 articles »**

→ [FIGEAC-AERO](#) : Damien De NADAÏ, Responsable Planification BU Structure Aluminium  
Xavier VERS, Directeur Supply Chain & Performance Industrielle



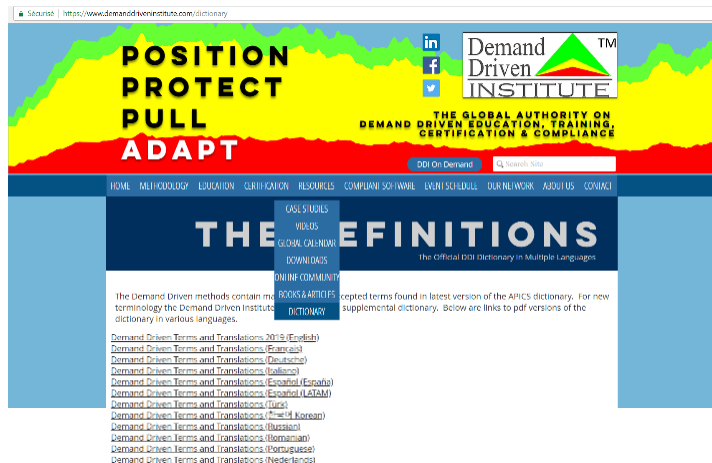
**14h15 « D comme Déploiement étendu »**

→ [MICHELIN](#) : Thibaut D'HEROUVILLE, Vice-Président Supply Chain Industrielle

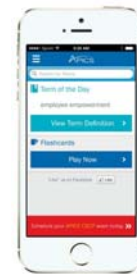


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## DDI Dictionnaires: 12 langues



[www.demanddriveninstitute.com/dictionary](http://www.demanddriveninstitute.com/dictionary)

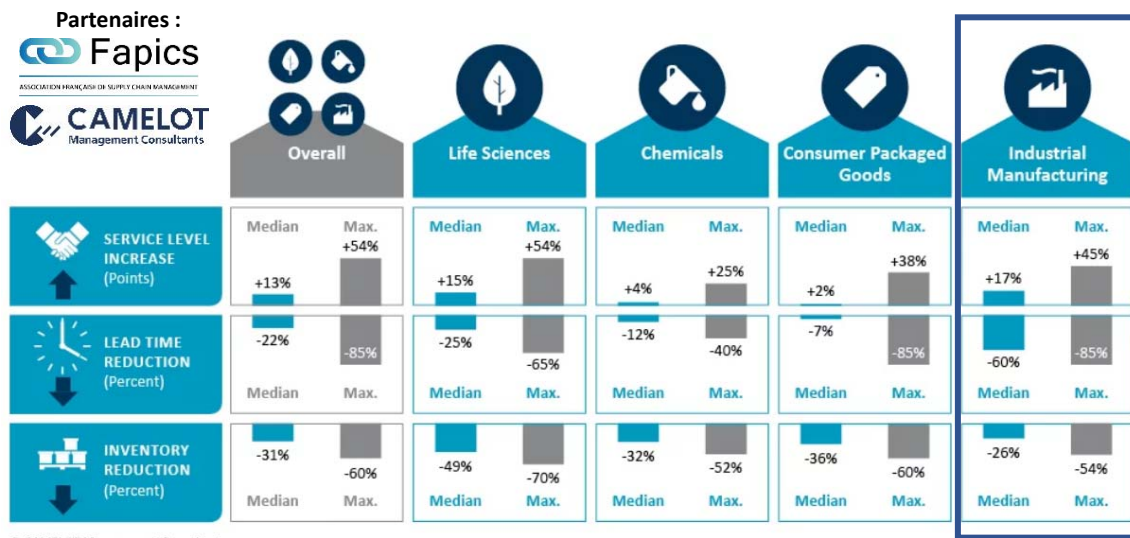


Apps : APICS Dictionary



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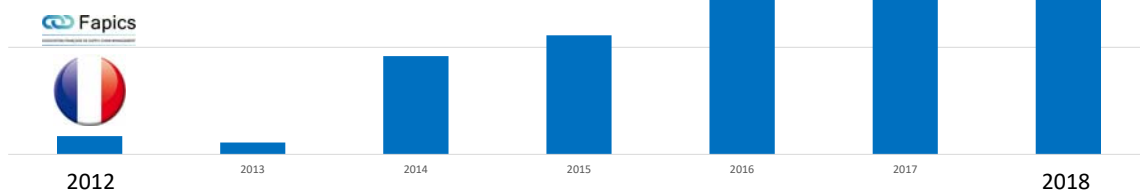
## Résultats worldwide de la mise en œuvre de DDMRP par secteur



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## Global Demand Driven Education Growth

Demand Driven  <sup>TM</sup>  
INSTITUTE



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# Fapics et DDMRP - DDAE

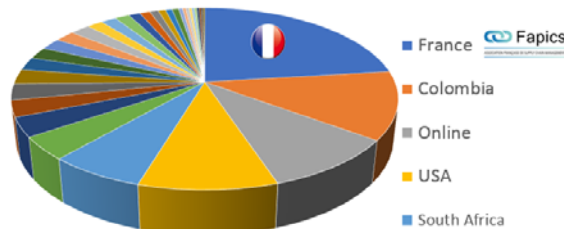


## Historique :

- En 2012 : Fapics introduit DDMRP en France
- En 2016 : Fapics introduit DD Adaptive Entreprise en France
  - Et fait développer la version DDMRP du serious game The Fresh Connection
- En 2017 : Fapics introduit Adaptive S&OP en France
- En 2017 : Fapics participe à la conception de 'Adaptive Enterprise Foundations'
- Et co-developpe avec DDI la workshop 'The Fresh Connection a DDS&OP experience'



France is the World Leader  
in Demand Driven Education



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## Case studies aero dans DDI website

Partenaires :  **Fapics**  
ASSOCIATION FRANÇAISE DE SUPPLY CHAIN MANAGEMENT

### Wipaire

- For 55 years, Wipaire has been engineering and manufacturing a full line of aircraft floats for all sizes of aircraft from the Piper Cub to the Viking Twin Otter, including most single engine Cessna aircraft. In addition, Wipaire has engineered over 100 Supplemental Type Certificated modifications for improved performance, convenience, and reliability. As a leading aircraft service provider, Wipaire offers maintenance, avionics installation and repair, custom interior design and installation, and exterior paint refinishing all in one convenient location. Wipaire is recognized worldwide for quality products and engineering expertise. Matt Gutz, Senior Manufacturing Planner, presented the company's results with DDMRP at the Epicor Software User Conference in Las Vegas, NV in April 2019.
- [Download presentation](#)

### MOOG Aircraft group

- Over the past 60 years, Moog has developed a reputation throughout the world as a company whose people and products are at the forefront of the aerospace industry. Over this period, Moog has expanded its capability base to become a leading supplier of integrated control actuation systems for civil and military aircraft. A group led by Kim Jordan, AG DDMRP Implementation Leader, will share Moog's experiences implementing DDMRP across their global supply chain.
- [Download presentation](#), <https://vimeo.com/317178489>

### COASA

- From Demand Driven World 2017. This leading Spanish aerospace supplier implemented DDMRP and saw amazing results. Manuel Castro of CMG Consultores takes the audience through the amazing transformation to this organization's planning and inventory management.
- [Download Presentation](#), <https://vimeo.com/237207893>

### Royal Engineered Composites

- Royal Engineered Composites is literally at the leading edge of major commercial and military aerospace programs. Hear about their progress with the Demand Driven operating systems. Jason Bates talks about the changing company management structure and the need fueling a move to DDMRP. From the 2014 Demand Driven World Conference.
- [Download Presentation](#)



### Figeac Aero

- Figeac Aero supplies detailed machined parts and workpackage assemblies to major aerospace companies such as Airbus, Boeing, Bombardier, Gunstream, Embraer and Dassault. See their DDMRP journey and initial results in this 50 minute video. From the 2015 Demand Driven World Global Online Seminar Series. Watch the presentation below.
- [Download Presentation](#), <https://vimeo.com/198351455>

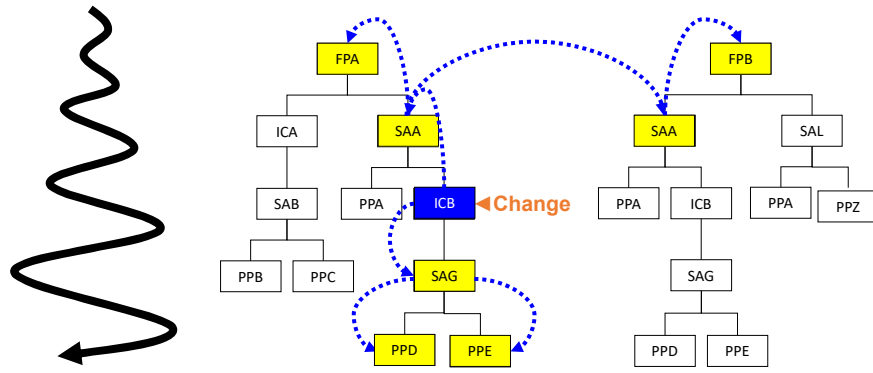


### Emka electronics

- Caroline Mondon, a best-selling business book author from France, presents a real world case study based on the knowledge presented in her new book, The Missing Links. From the 2016 Demand Driven World Conference.
- Ask updated presentation to [Caroline.mondon@themissinglinks.info](mailto:Caroline.mondon@themissinglinks.info)

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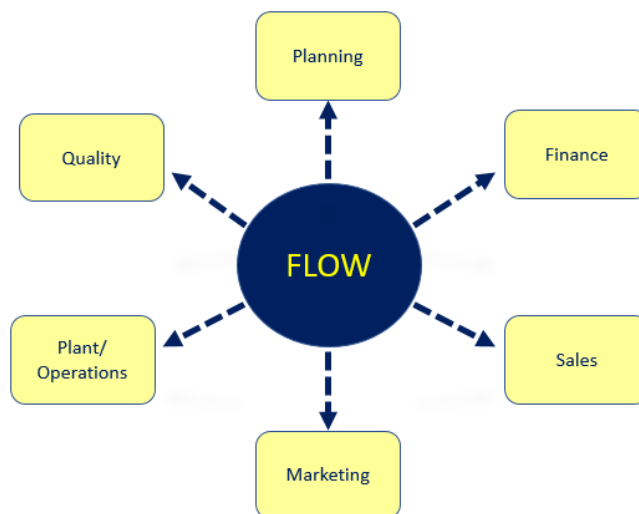
## Variability and Nervousness



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## Flow Brings Coherence

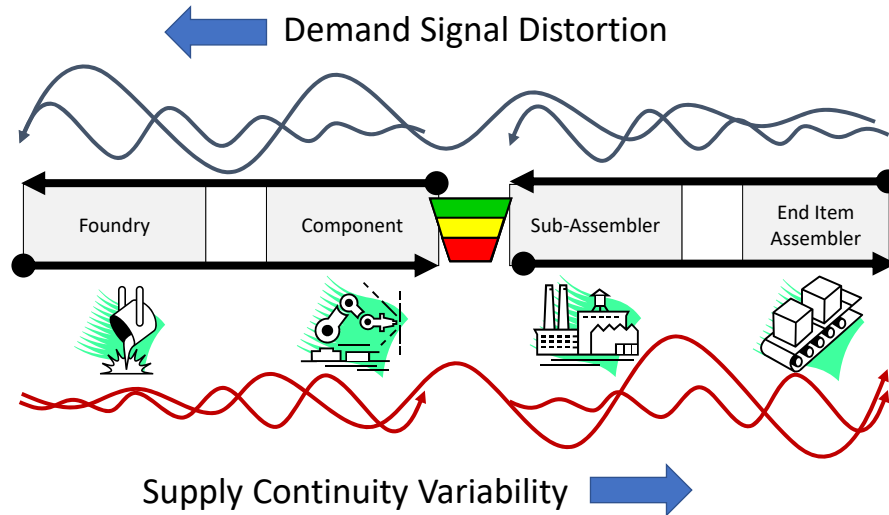


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## Position – Strategic Decoupling

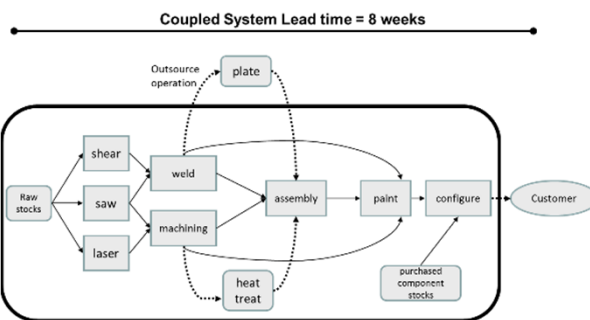


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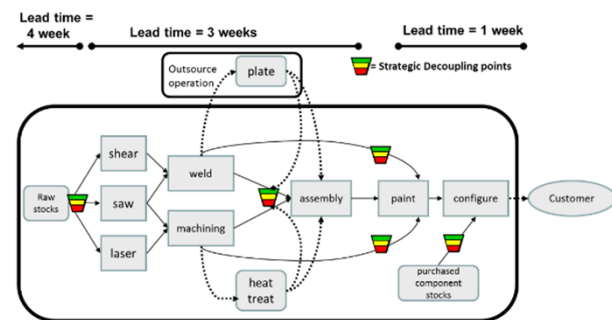
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## Critical Differences Between MRP and DDMRP

### MRP (Everything Coupled)



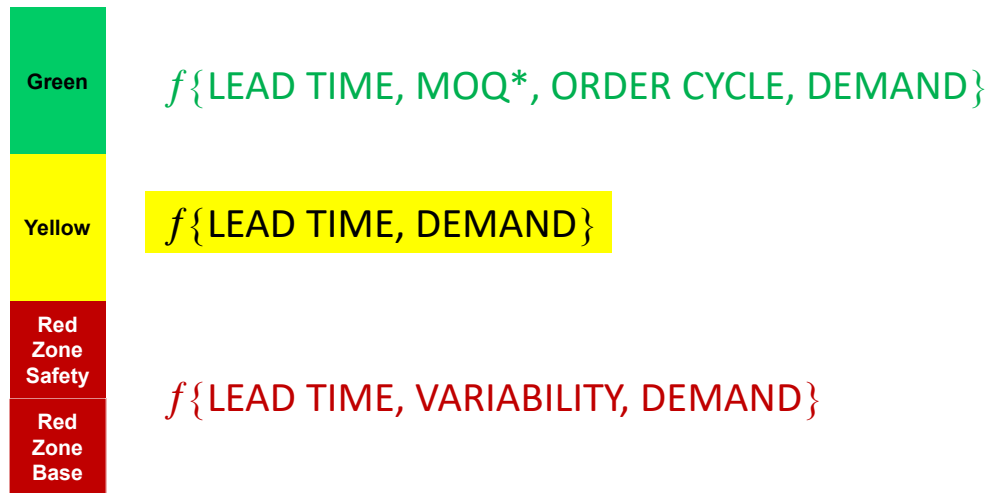
### DDMRP (Strategically Decoupled)



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## Buffer Zone Overview – Functions and Components

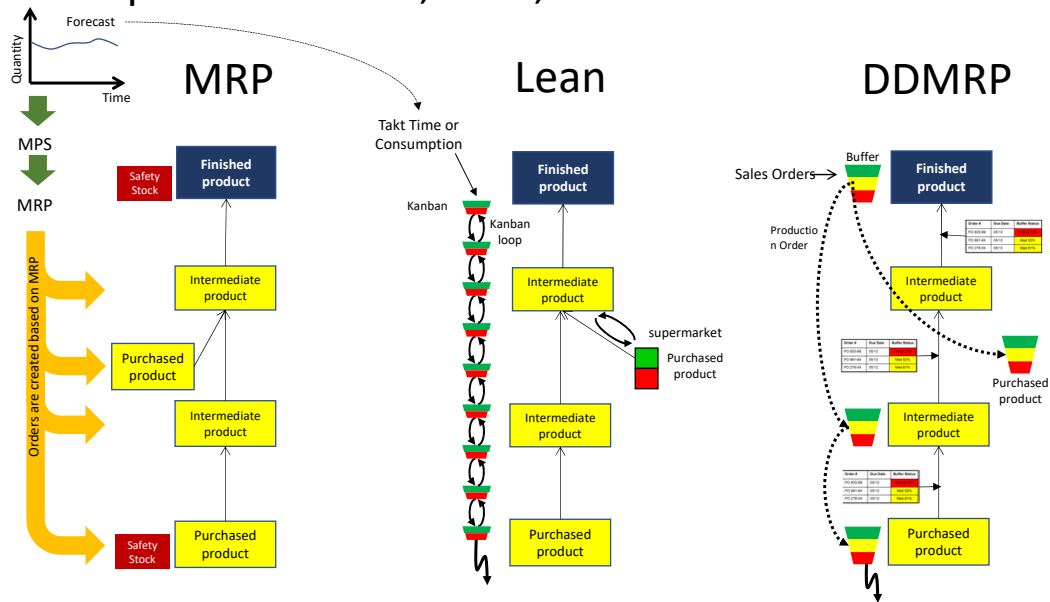


\*Minimum order quantity

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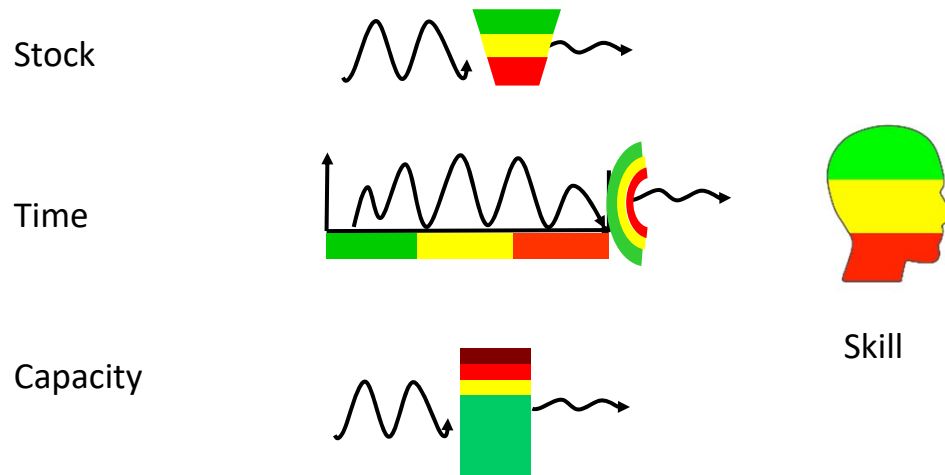
## A Comparison of MRP, Lean, and DDMRP



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## 3 types de buffer + 1 : Skill

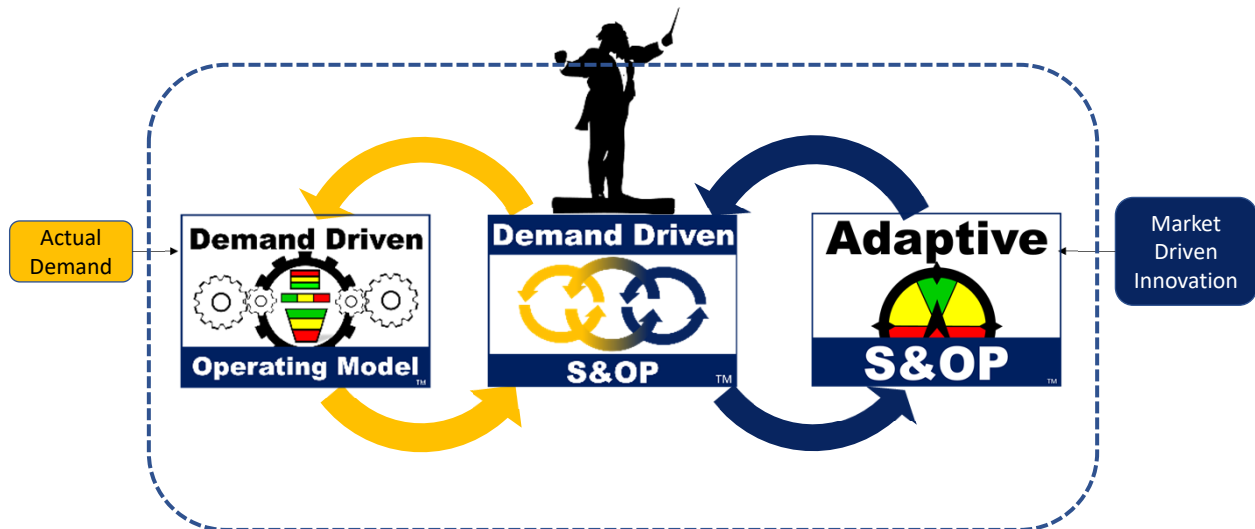


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## Connecting Operations to Strategy and Strategy to Operations



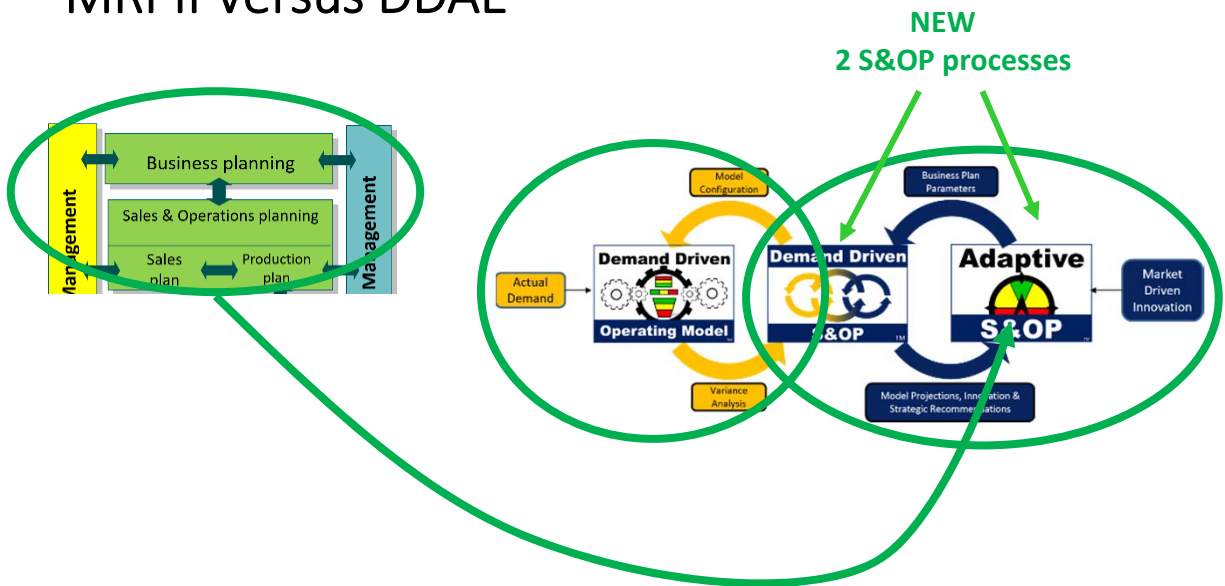
DDAE: Demand Driven Adaptive Enterprise Model

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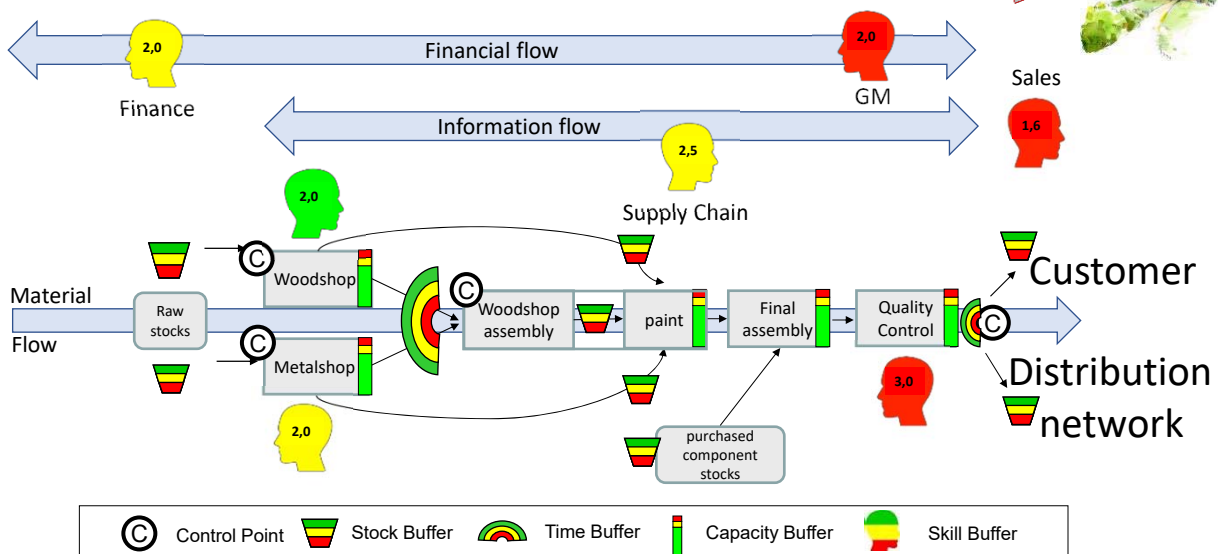
## MRPII Versus DDAE



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## Demand Driven Operating+Skill Model

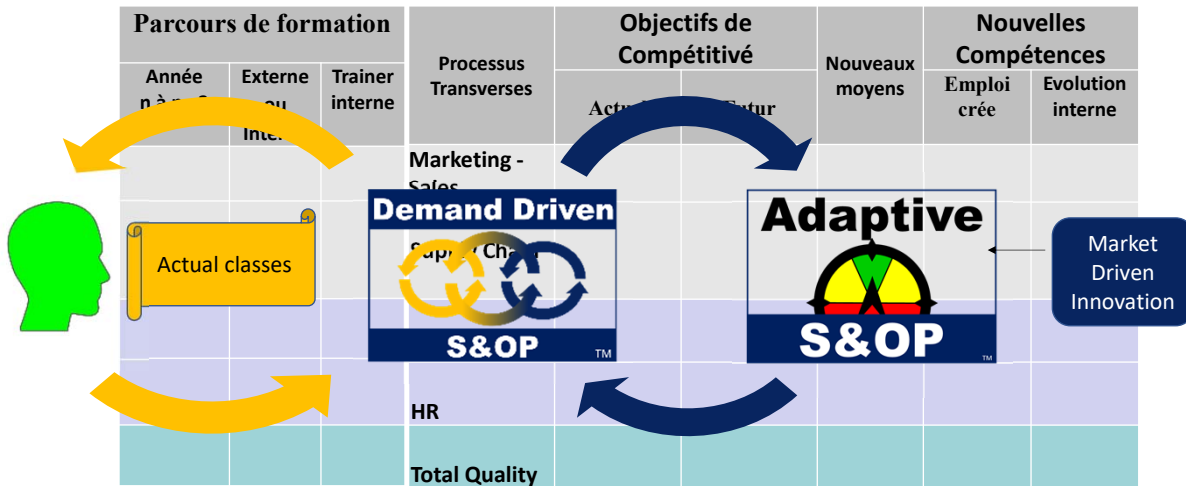


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## Plan Competences Compétitivité (UIMM)

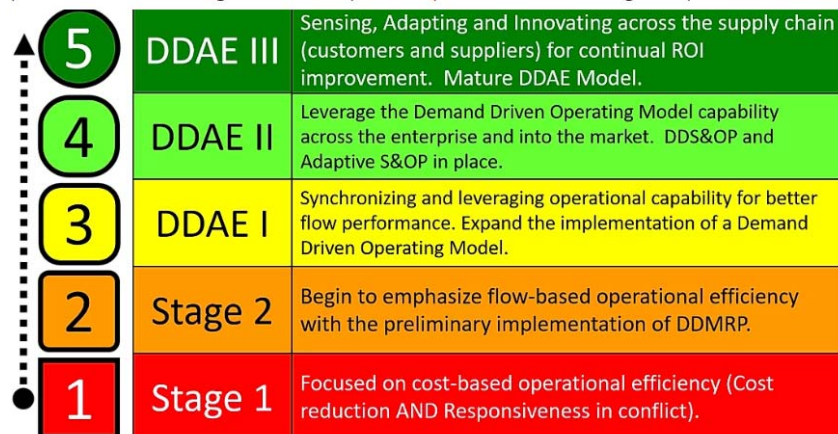


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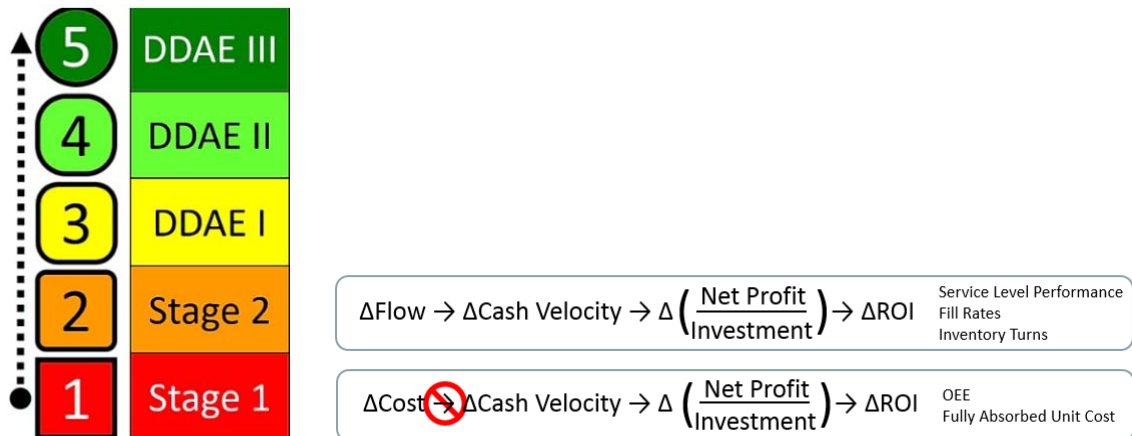
## THE DDAE MODEL DEVELOPMENT PATH

The DDAE model has a defined development path for companies to achieve increasing levels of success by maturing their demand driven transformation. This path has five distinct stages. The entire path is depicted below. Each stage is explained in more detail below the picture.



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## Démarrer la démarche



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## Compliant softwares

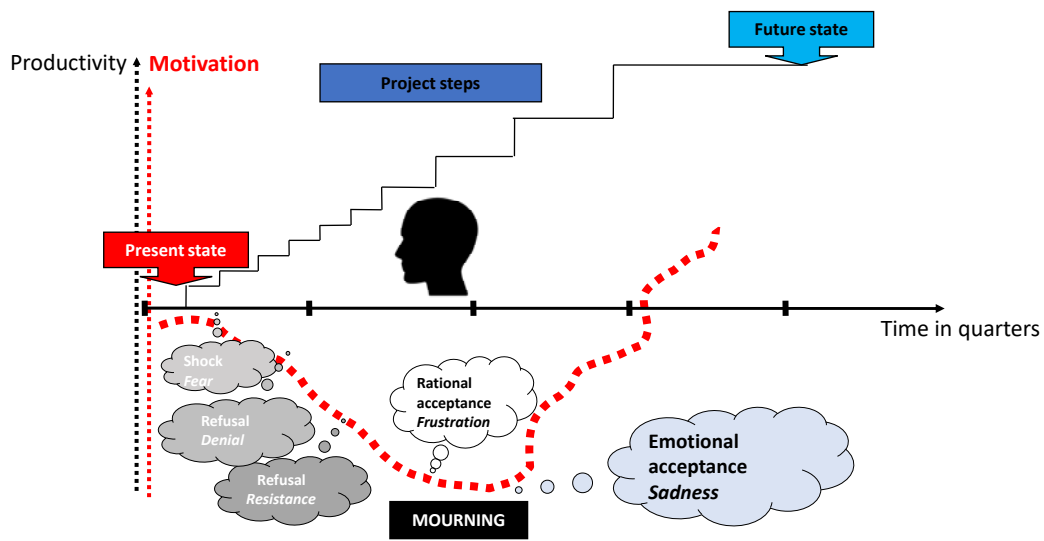


Partenaires :

	27	 S/4, IBP, ECC	
	2	 Innovative Technologies Lab	
	3		

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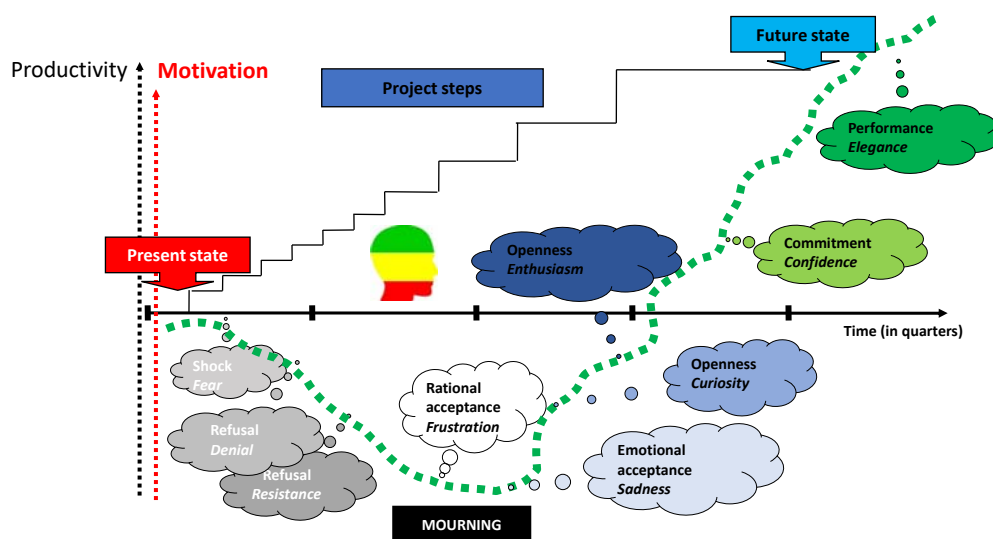
## Reality: the Mourning Curve



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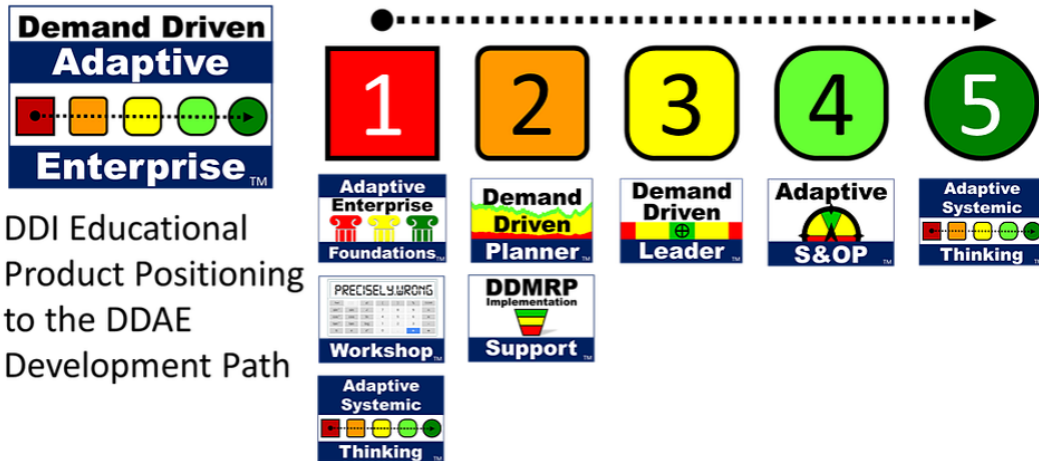
## Changing Is About Evolving With a Group



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## What education is right for my organization?



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## Professional Endorsement Certificates



## Building the Next Generation of Supply Chain Professionals

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# Adaptive Enterprise Foundations



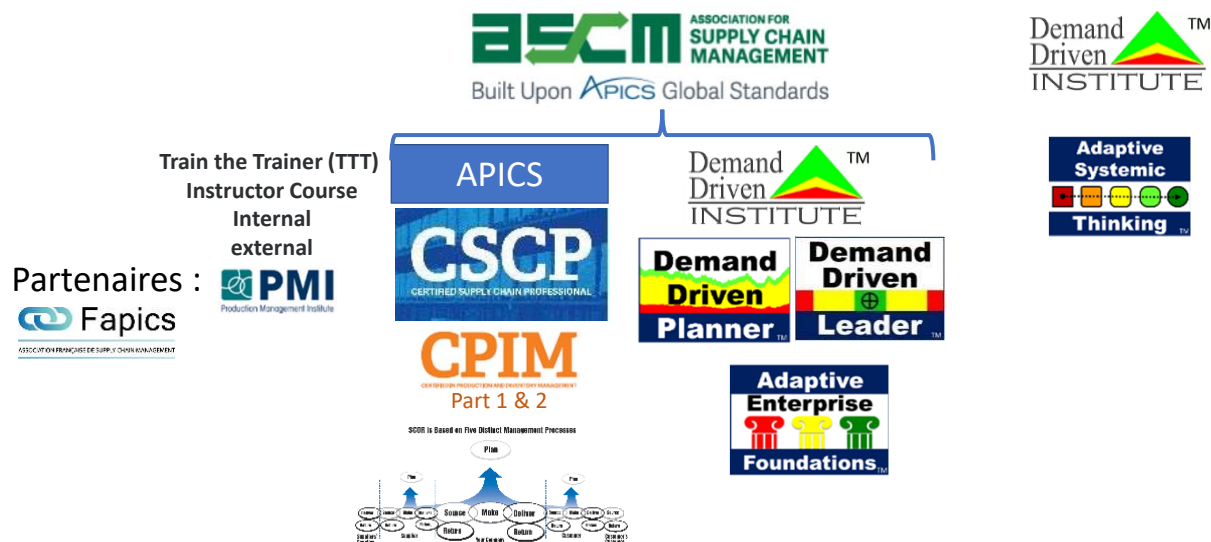
→ Jeu de rôle, case concret : Actionnaires, Dirigeant-es, Employé-es

## Understanding how Supply Chains Really Work

Day 1	Day 2
<b>What challenges are companies facing in the New Normal?</b>	<b>What are the foundations of an Adaptive Enterprise?</b>
<b>Chapter 1: The New Normal in Industry</b> PART 1 – The company and its variable environment PART 2 – Concepts of supply chain management	<b>Chapter 3: Giants of Industrial Flow</b> PART 5 – Modern flow-based systems PART 6 – Demand Driven flow
<b>Chapter 2: Traditional Processes and Tools</b> PART 3 – Fundamental processes of all companies PART 4 – Conventional IT tools and planning systems	<b>Chapter 4: From Linear to Adaptive</b> PART 7 – The Demand Driven Adaptive Enterprise PART 8 – A maturity model to become adaptive

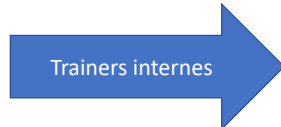
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## Formations Certifiantes ASCM, APICS et DDI



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## Formations Certifiantes ISCEA



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## Serious games



### ZE DDGames - A Suite of Three Demand Driven Simulations

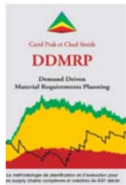
AGILEA and the Demand Driven Institute (DDI) announced the co-branding and distribution of 3 serious games. These simulations will help participants understand the Demand Driven environment and mechanisms. Each simulation is run as a separate event.



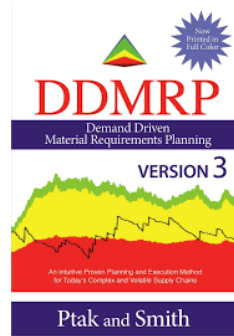
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## Roughly Right or Precisely Wrong ?



★ Traduction française  
Privilège adhérent-e :  
tarif réduit 63 €



Appendix:  
Skill Buffer

