

# Global MMOG/LE Update

**Gerhard Paulinz**  
**Volvo Truck Corporation**  
**Global Manufacturing**  
**External Material Supply**

**VOLVO**

# Life before Logistics Evaluations



Many  
reactive  
analysts

but

Not Enough

proactive  
specialists

# The history of MMOG/LE

- 1992** Volvo Truck: Internal ISO 9000 revision
- 1992** Internal development of Logistics evaluation document in order to determine suppliers internal conditions and prerequisites for a flexible and correct output
- 1993 – 1997** : ca 250 Supplier evaluations performed  
→ Increasing number of OEM specific Log. evaluation tools
- 1998** ODETTE Logistics Functional Committee approach, supported and encouraged by a global supplier
- 1998** Cross cultural working group and meeting schedule for 12 months ahead established
- 1999** First version of ODETTE' s Logistics Evaluation ( OLE, EVALOG ) presented and accepted by ODETTE' s board

# The history (cont'd)

## In 2001:

One document in the USA: the MMOG

One document in Europe: the Logistics Evaluation called  
< OLE > or < EVALOG >

Different training schemes in each region

Due to the globalisation of business and companies, a request for  
harmonisation of the two documents

The structure of the harmonised document must be in line with ISO/TS  
quality standard

**End 2001:** Creation of a joint working group AIAG/Odette

**End of 2003:** Global **MMOG/LE** available

# Participating Companies to the AIAG-ODETTE working group

## **Odette**

Bosch (Joerg Vollmer)  
GALIA/Renault ( Jacky Cousin )  
GALIA (Aurélien Rouquet)  
GETRAG (Roger Bergsten)  
PSA (Gerard Graufogel)  
SMMT ( Jeffrey Turner )  
SMMT (Rob Brown/Mark Evans)  
Volvo Car/Bosch (Helena Holmgren)  
Volvo Power Train (Henry Rosten)  
Volvo Truck (Gerhard Paulinz)

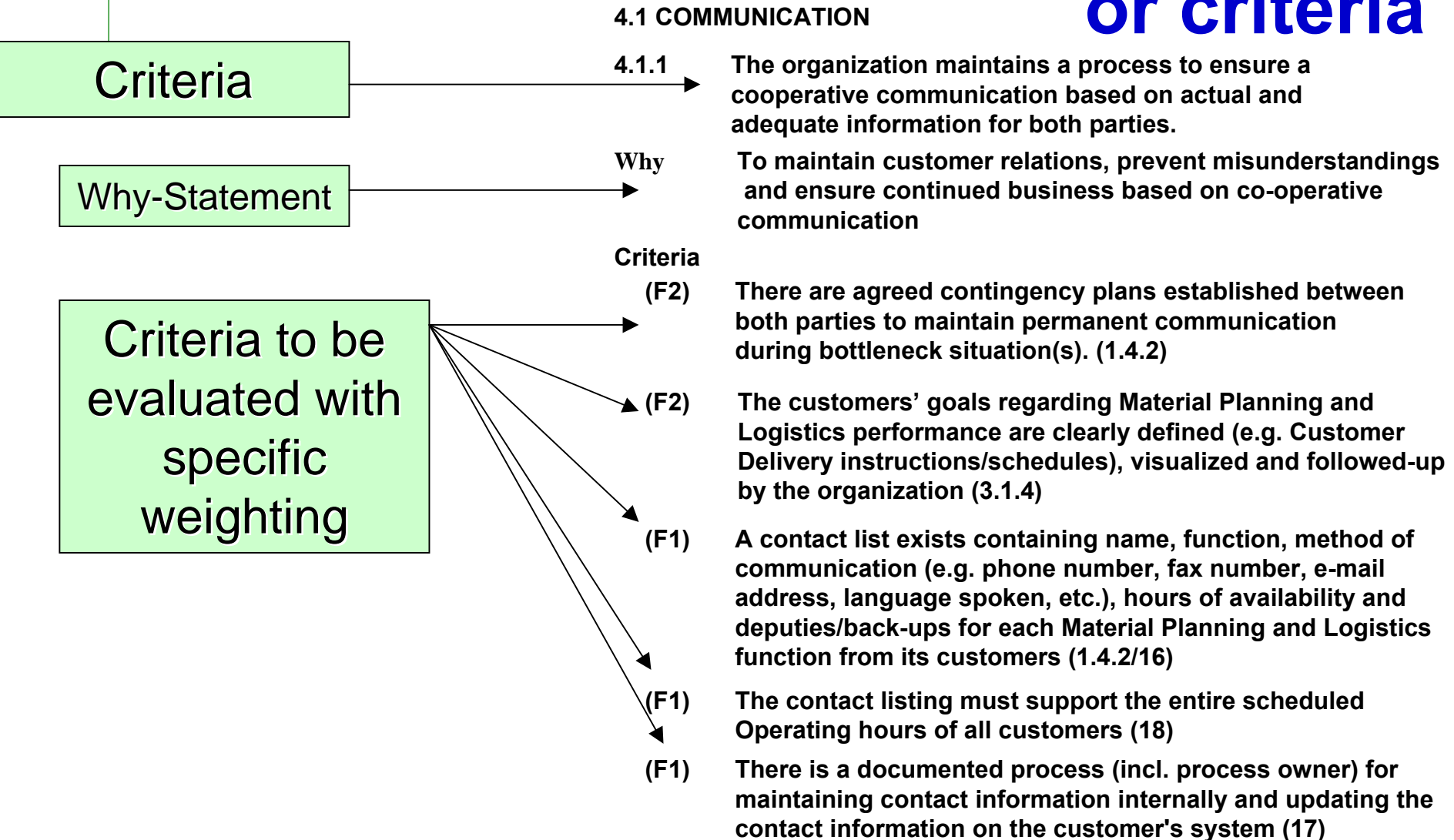
## **AIAG**

AIAG (Morris Brown)  
American Axle (Connie Harde)  
DaimlerChrysler (Cara Besh)  
Daimler Chrysler ( Chuck Koehn)  
Ford (Eric Minehart)  
Gates Corp. (Aidan Hughes)  
JCI Corp ( Donna LeFaive)  
Universal Bearings (K. Lockwood)

# The Structure of the Global MMOG/LE document

- Foreword / Introduction / Explanation
- Evaluation catalogue (Questions/Criteria)
  - **Chapter 1:** Strategy and improvement
  - **Chapter 2:** Work organisation
  - **Chapter 3:** Capacity and production planning
  - **Chapter 4:** Customer interface
  - **Chapter 5:** Production and product control
  - **Chapter 6:** Supplier interface
- Scoring summary sheet
- Gap-Analysis tool
- Glossary

# Structure of Global MMOG/LE questions or criteria



# Scoring summary sheet (example chapter one)



## Global Materials Management Operations Guide / Logistics Evaluation results sheet

Chapter	Question number	Result (Criteria score x Weighting of criteria)														Act. Score	Max. Score	S=self assessed	V=verified assessed
		1	Weight.	2	Weight.	3	Weight.	4	Weight.	5	Weight.	6	Weight.	7	Weight.				
1	1.1.1		F2		F2		F2		F2							0	8		
	1.2.1		F2		F2		F2									0	6		
	1.2.2		F3		F3		F3		F2		F2		F2		F1	0	16		
	1.3.1		F2		F2		F2		F1							0	7		
	1.3.2		F2		F2											0	4		
	1.4.1		F1		F1		F1									0	3		
	1.4.2		F3		F2		F2		F2		F1					0	10		
	1.5.1		F1		F1		F1									0	3		
	1.5.2		F2		F2		F2									0	6		
<b>Chapter summary</b>					F3		F2		F1							<b>Total Chapter 1</b>			0
		<b>Fulfilled</b>			0		0		0					<b>MAX Score</b>			63		
		<b>Not fulfilled</b>			4		21		9					<b>%</b>			0%		

### SUMMARY

TOTAL score  
 Maximum Score  
 %

0
351
0%

	F3	F2	F1	Σ
Fulfilled	0	0	0	0
Not fulfilled	35	75	96	206
Σ	35	75	96	206

**A, B or C**



# Gap Analysis Tool

## Global MMOG/LE

Question #	Criteria Weight	Element	Desired State	Current State	Gap	Action Required	Time to Complete	Responsibility	Cost
1)	F2	1.1 Vision and Strategy	A documented vision exists for the Materials Planning and Logistics function.						
2)	F2	1.1 Vision and Strategy	A documented strategy exists with activities for implementing the Materials Planning and Logistics vision.						
3)	F2	1.1 Vision and Strategy	The Materials Planning and Logistics vision and strategy is linked to the organization's overall objectives, including customer requirements and continuous improvement.						
4)	F2	1.1 Vision and Strategy	The Materials Planning and Logistics vision and strategy is communicated and understood within the organization.						

# Training

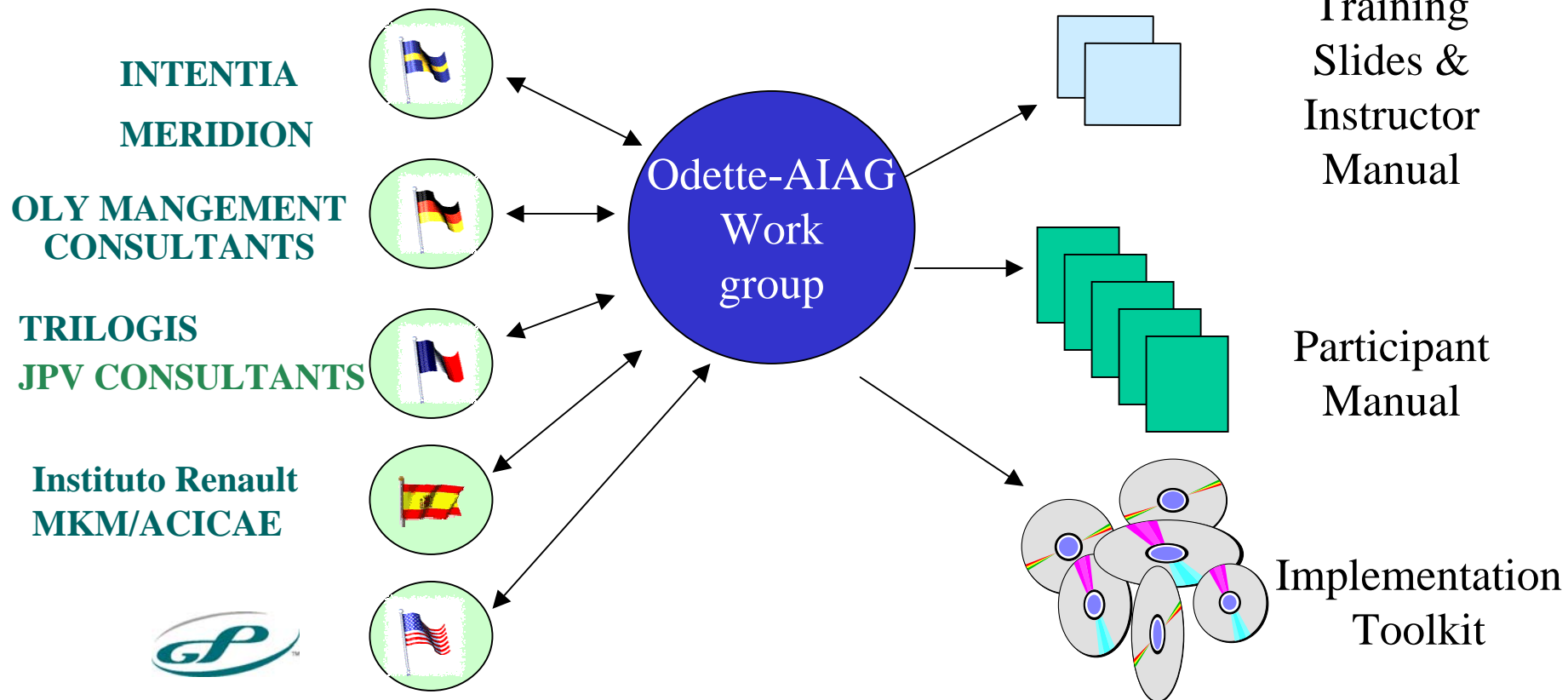


# Towards a harmonised training programme

- **Odette Conference 2003 in Paris:**
    - Decision to go for a global **1-Day** harmonised training,
    - Proposal to current training companies (USA, France, Germany, Sweden) to meet and set up a harmonised training programme,
  - **Approval of the content** in Paris on March 5<sup>th</sup>, 2004
  - **1-Day training validation** in Paris on March 6<sup>th</sup>, 2004 with international participants,
  - **1-Day training deployed** during 2004 in countries like USA, France, Germany, Sweden, Spain, Belgium...
- **Special feature for France and Spain:** availability of a **3-Day** additional training class to become an auditor, with identical content in both countries.

# MMOG/LE Training Package Development Process

## Training Provider Teams



# Emerging Markets and other Training related activities

- AIAG currently offers class in **Mexico** in Spanish
- AIAG offers 1-Day classes in **China** in simplified Chinese
- Training in India is investigated
- The University UNICENP in **Brazil** has performed a 3 day training of trainers in Sept 2005, under a signed agreement with Odette.
- **Benelux** Companies have been trained so far by French and German training providers
- GALIA is pursuing the training of trainers for **Rumania** and training of other suppliers in **Central Europe** (Slovakia, Poland... )
- **On-Site classes** allowing Company unique “hands-on” training increase in popularity

# Examples of early MMOG/LE Implementations

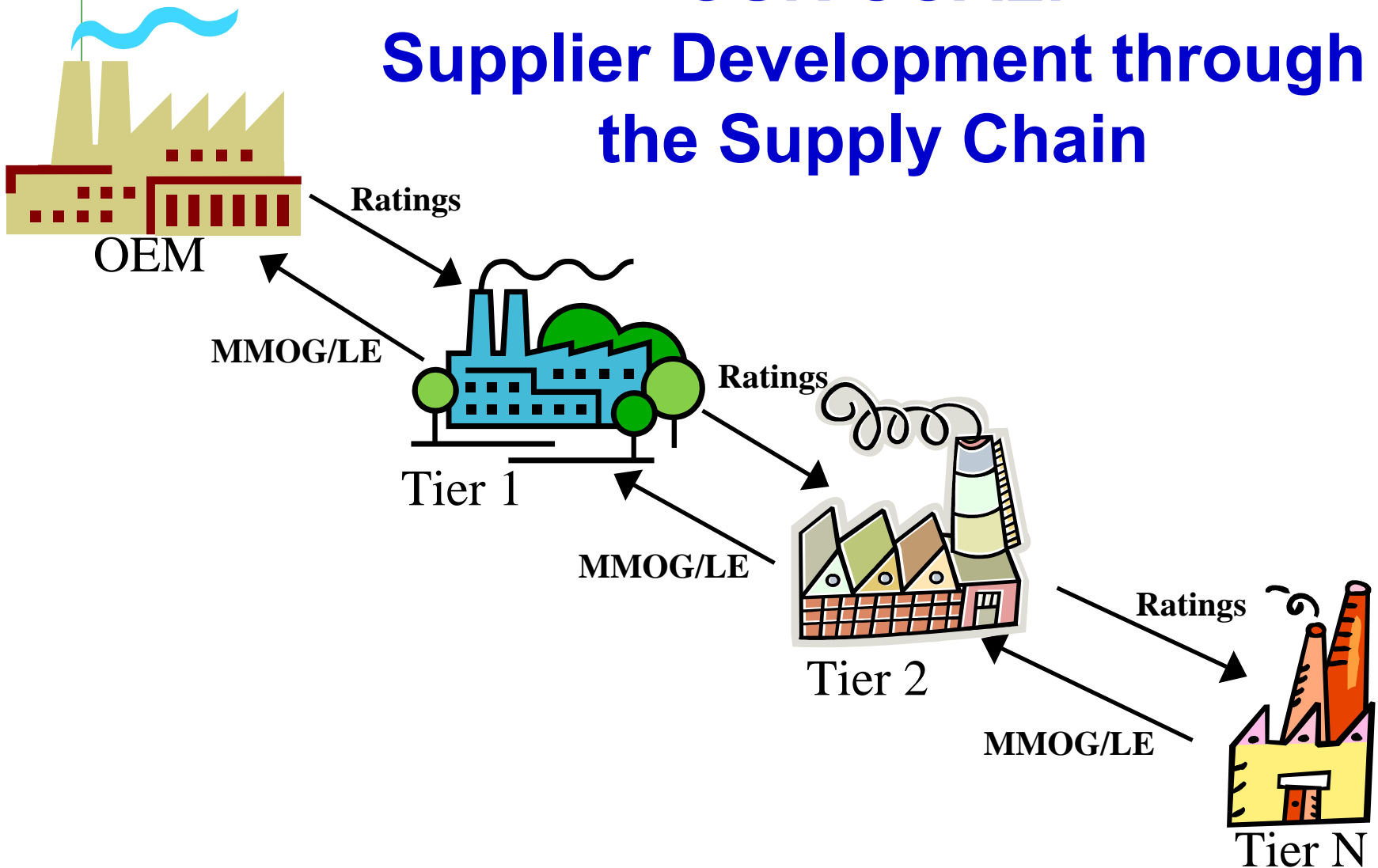
## OEMs



## Suppliers



# OUR GOAL: Supplier Development through the Supply Chain



# How can I order the document to start a self assessment of my company ?

Please order the document MMOG/LE free of charge in Europe from following organizations:

## **Odette International**

Order via <http://www.odette.org>

## **VDA**

Order (incl. translated version) via e-mail to [mock@vda.de](mailto:mock@vda.de)

## **Galia**

Order (incl. translated version) via <http://www.galia.com>

## **Odette Sweden**

Order via <http://www.odette.se>

## **ANFAC/Odette Spain**

Order (incl. translated version) via <http://odette.es>

## **SMMT/Odette UK**

Order via <http://www.smmt.co>.

## **ODETTE/Czech Republic**

Order via <http://edi.skoda-auto.cz>



**Any questions ?**

**Thank you !**