

# **ERIK Network**

## **Trans-Regional WORKSHOP**

### **Innovation, Knowledge & Clusters**



**CONSORZIO DIAMANTE**

**DISTRETTO INDUSTRIALE AZIENDE MOTORISTICHE**  
**ASSOCIATE NETWORK TECNOLOGICO EMILIA-ROMAGNA**

Bologna, 30<sup>th</sup> June – 1<sup>st</sup> July 2003

# Agenda

- ✓ Brief Introduction to the DIAMANTE Consortium
- ✓ 2002 Activities
- ✓ Programmed Activities for 2003

## Brief Introduction to the DIAMANTE Consortium

The DIAMANTE Consortium was founded in 1998.

Its members originally were the General Managers of Motor Companies.

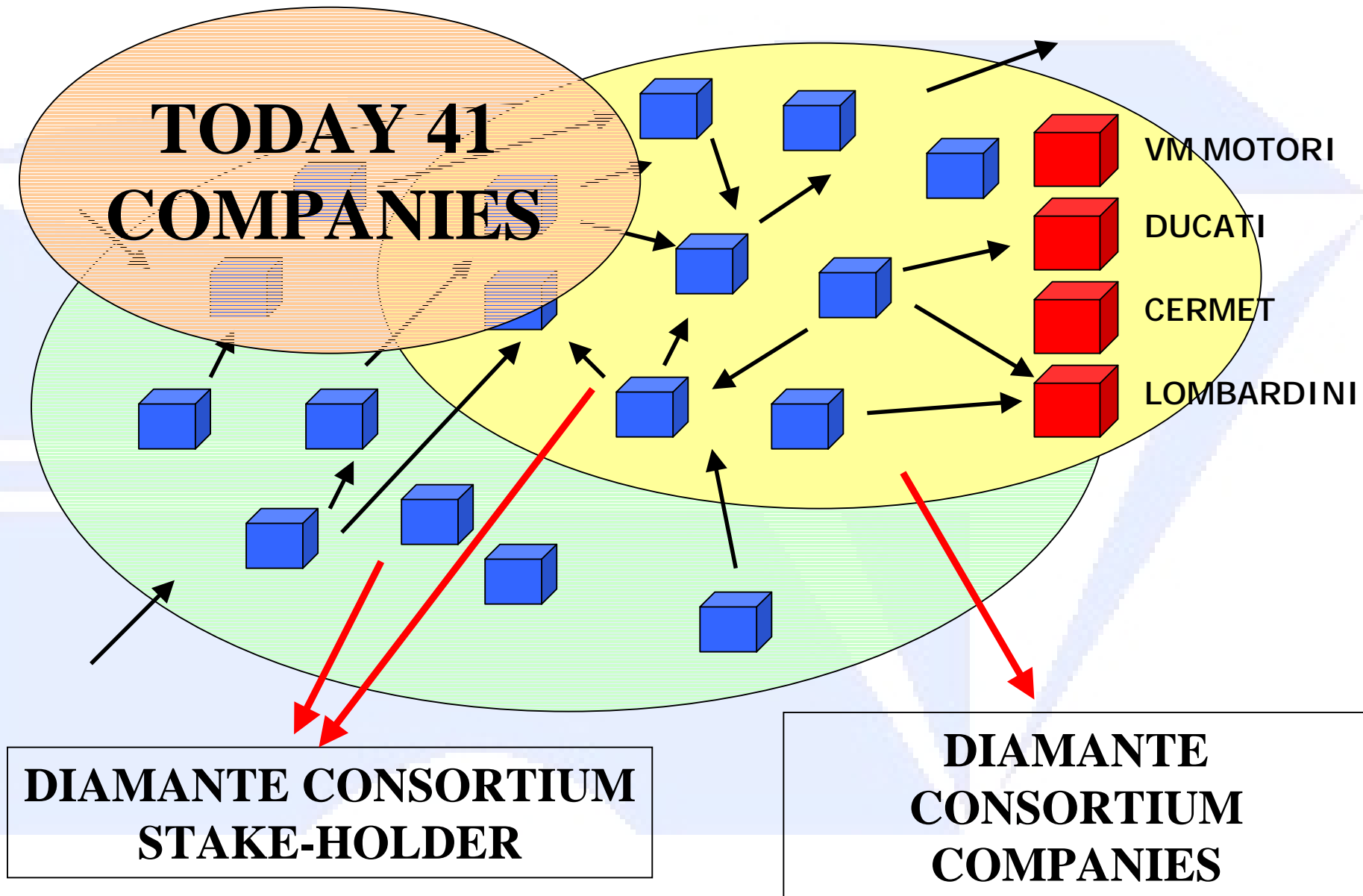
# Why a Consortium?

- o To create a STRUCTURE able to respond to the various needs of the Motor Companies.
- o To create a BODY with the purpose of collecting resources and making them available as required.
- o To change from an industrial district (with strong historical and cultural traditions) to a System which continuously, and coherently, organizes the available resources.

A series of informal meetings involving members from the founding companies (CERMET, VM MOTORI, DUCATI, LOMBARDINI), to share their problems, strengths and weaknesses.

## THE MEMBERS ARE DIVIDED INTO WORK GROUPS AND OPERATE IN THE FOLLOWING AREAS

- ✓ Quality and reliability
- ✓ Project/Process Innovation
- ✓ Training



## 2002 Activities

### **AREAS OF ANALYSIS :**

- ✓ Quality and reliability
- ✓ Project/Process Innovation
- ✓ Training

**FEASIBILITY STUDIES HAVE BEEN LAUNCHED FOR  
THOSE PROJECTS DEEMED TO BE OF INTEREST**

## 2002 Activities

### **Concluded Feasibility Studies:**

1. Potential uses of light alloys;
2. Diamante Consortium web-site;
3. Mistake-proofing methods;
4. Planning methods in product / service development processes;
5. Inter-Consortium HR training;
6. KPI for Supply chain;
7. Assembly Traceability Systems;

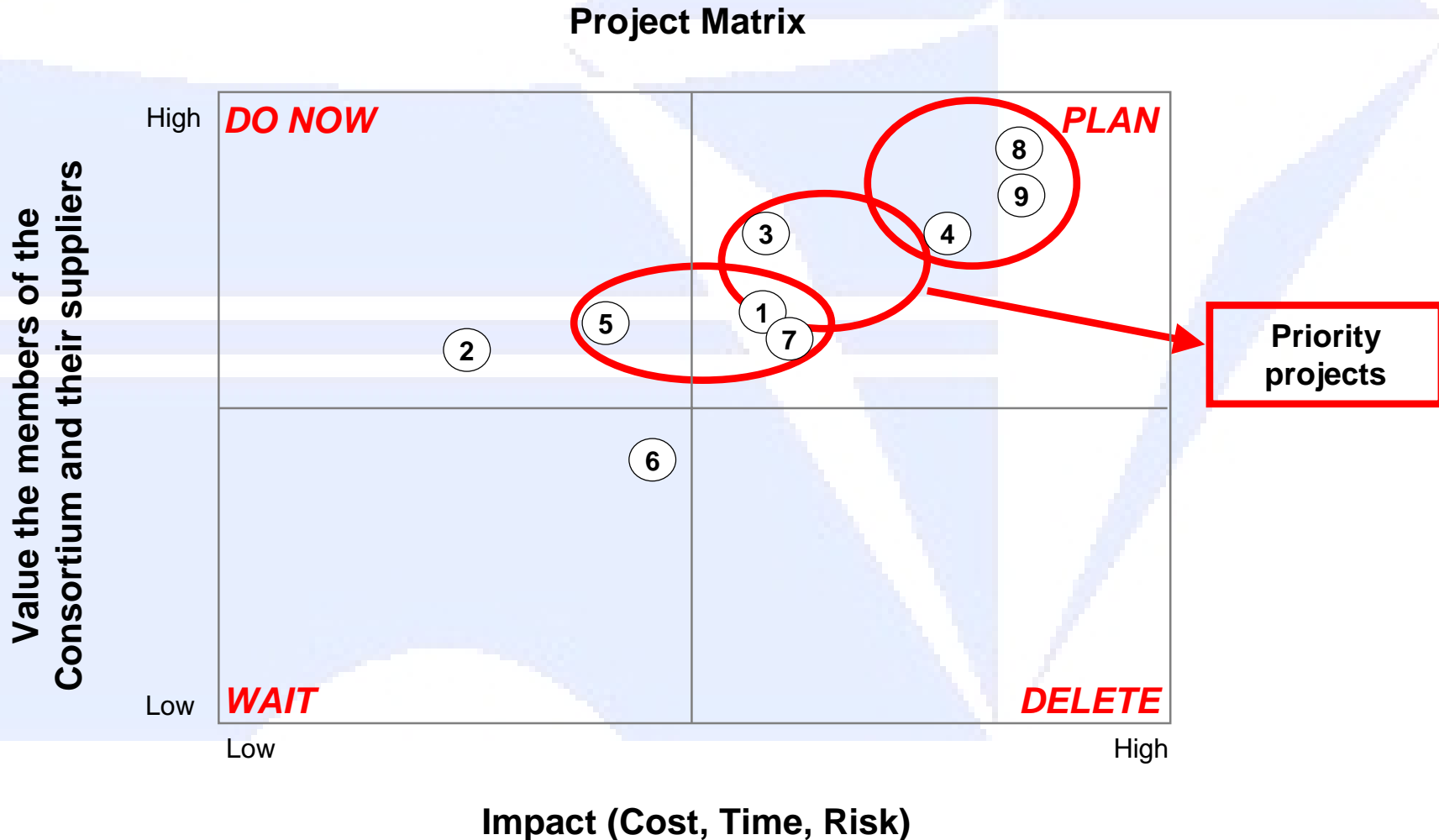


# Programmed Activities for 2003

## **Projects relevant to the Consortium**

1. Sharing of methodologies via Web;
2. Sharing of mistake-proofing methods;
3. Codesign;
4. Performance Indicator for Supply Chain;
5. Co-financing and coordination of training programs;
6. Assembly traceability;
7. Sharing of analysis methods (eg. Problem solving);
8. Supplier integration via Web;
9. Definition of supply chains in order to optimize the process.

The projects have been classified in a matrix highlighting the organizational value and impact for the members of the Consortium and their suppliers.



Priority projects have been grouped together in clusters according to concept similarities.

## Clusters

### Logistic flow

- 9. Definition of supply chains in order to optimize the process
- 4. Supply Chain – Key Performance Indicator
- 8. Supplier integration via Web

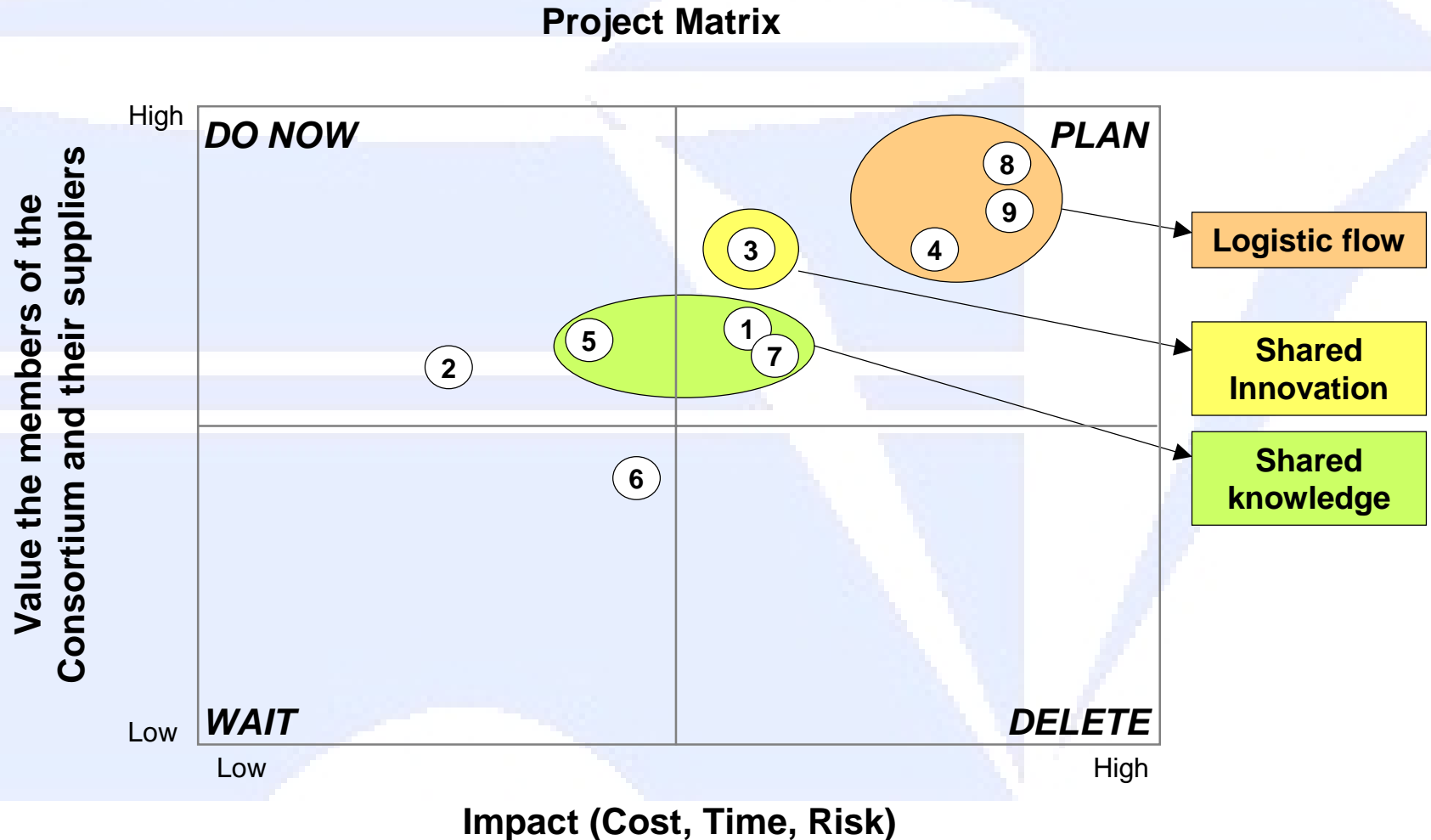
### Shared knowledge

- 1. Sharing of methodologies via Web
- 7. Sharing of analysis methods (eg. Problem solving)
- 5. Co-financing and coordination of training programs

### Shared innovation

- 3. Codesign

...and their position in the matrix.



# LOGISTIC FLOW

DEFINITION OF SUPPLY CHAINS IN ORDER TO  
OPTIMIZE THE PROCESS

SUPPLY CHAIN KEY PERFORMANCE  
INDICATOR

INTERNET SUPPLIERS INTEGRATION

## EXPECTED BENEFITS (1/2)

### Benefits

### Promoters

### Suppliers

Increased  
knowledge  
of SC

- Organization, logistics and production of each member
- Supply chain visibility



Improved  
communication  
between  
members

- Faster communication at lower cost
- Standardization of communication protocol



## EXPECTED BENEFITS (2/2)

### Benefits

### Promotors

### Suppliers

#### Supply Chain integration

- Lead time reduction
- Reduction of management costs
- Reduction of incidence of stock-out
- Improved fidelity between the members
- Stock reduction
- Reduction of quality related costs



#### Continuous monitoring of Supply Chain performance

- Continuous improvement
- "Early-Warnings"
- Performance benchmarking within the Consortium



# **SHARED KNOWLEDGE**

**SHARING OF METHODOLOGIES VIA WEB**

**CO-FINANCING AND COORDINATION OF  
TRAINING PROGRAMS**

**SHARING OF ANALYSIS METHODS  
(EG. PROBLEM SOLVING)**



## **2003 TRAINING PROJECTS DEVELOPED WITH *ALDINI VALERIANI FOUNDATION***

1. From Logistics Management to Supply Chain Management;
2. Poka-Yoke systems applied to processes;
3. Prevention/correction systems – Statistical process control;
4. Work analysis;
5. Middle management training;
6. Problem solving & Team work.