### Construction Equipment in an Agile World

#### Plenary Session, 16th October 2014, Crowne Plaza - Antwerp



CECE Congress 2014 - 15, 16, 17 October - Antwerp, Belgium



Improving Efficiency through Collaboration in Global Manufacturing

### JLG EMEA BV – Karel Huijser



### am·bi·dex·ter·i·ty



## **Oshkosh Corporation**

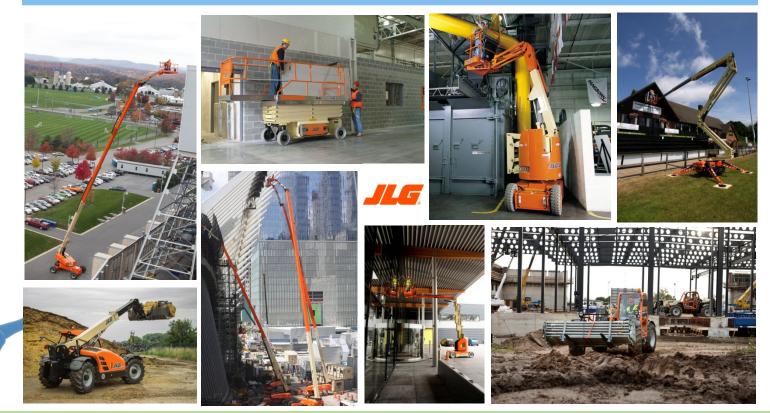
### Moving the world at work





### JLG Industries

### An Oshkosh Corporation Company



# How it all began

#### 'The Club of Four': Saviem (Renault), Volvo, DAF, Magirus-Deutz (Iveco)



## **Collaborative manufacturing**

### Van alliance



# Collaborative manufacturing

### Nissan, Opel, Renault





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## Sharing the expertise

Development of advanced technology and applications







### **Strategic Alliances**

#### David & Goliath



## The complex world of partnerships

#### Car making alliances





## So why do we collaborate?

Identifying the business needs

*Efficiency* Increase purchasing power

Lower your costs Drive a faster speed to market

Eliminate shadow investments Create scale

Expand your reach Spread the value

Share the risks

Avoid redundant assets

### So why do we collaborate?

Identifying the business needs

## EFFICIENCY VOICES OPINIONS SHARE THE RISKS VS DIFFERENT GOALS VISIONS CREATE SCALE STRATEGIES

### **Construction Equipment**

Collaboration in JLG Manufacturing









### **Construction Equipment**

Growing number of alliances





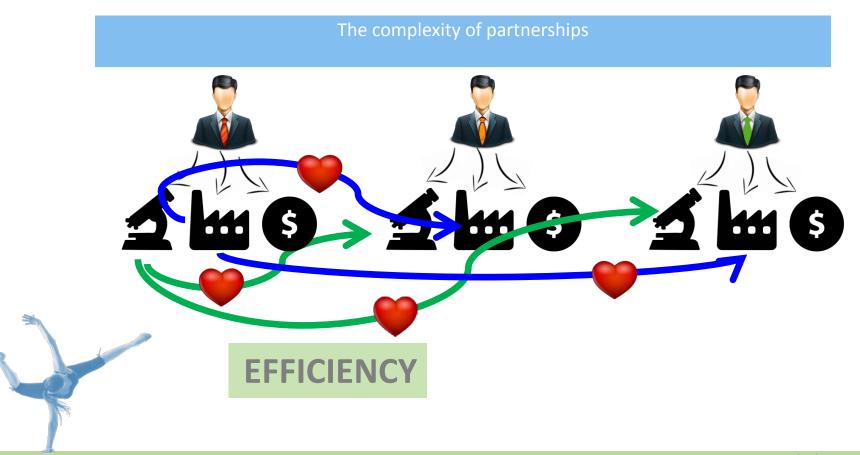
# The complexity of partnerships

Rotated, single or consensus based control



## **EFFICIENCY** ACCOUNTABILITY VALUES

### **Research & Development and Manufacturing**



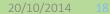
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### Accountability

The complexity of partnerships

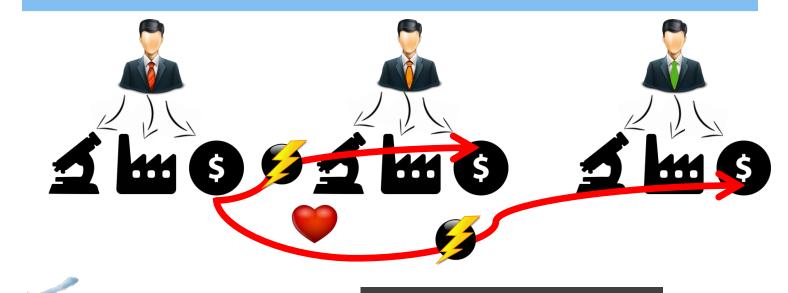


Construction	x	Х	
Agriculture		x	x



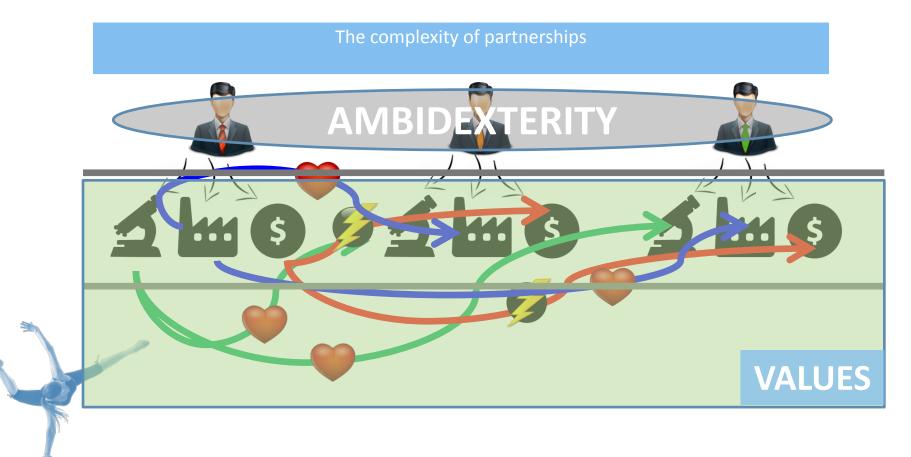
### Accountability

#### The complexity of partnerships



### ACCOUNTABILITY





# Future performance

### Exploitation and exploration; becoming ambidextrous

