

# COMPANY PRESENTATION



**Can Aksakal**

**17-18 December 2008**

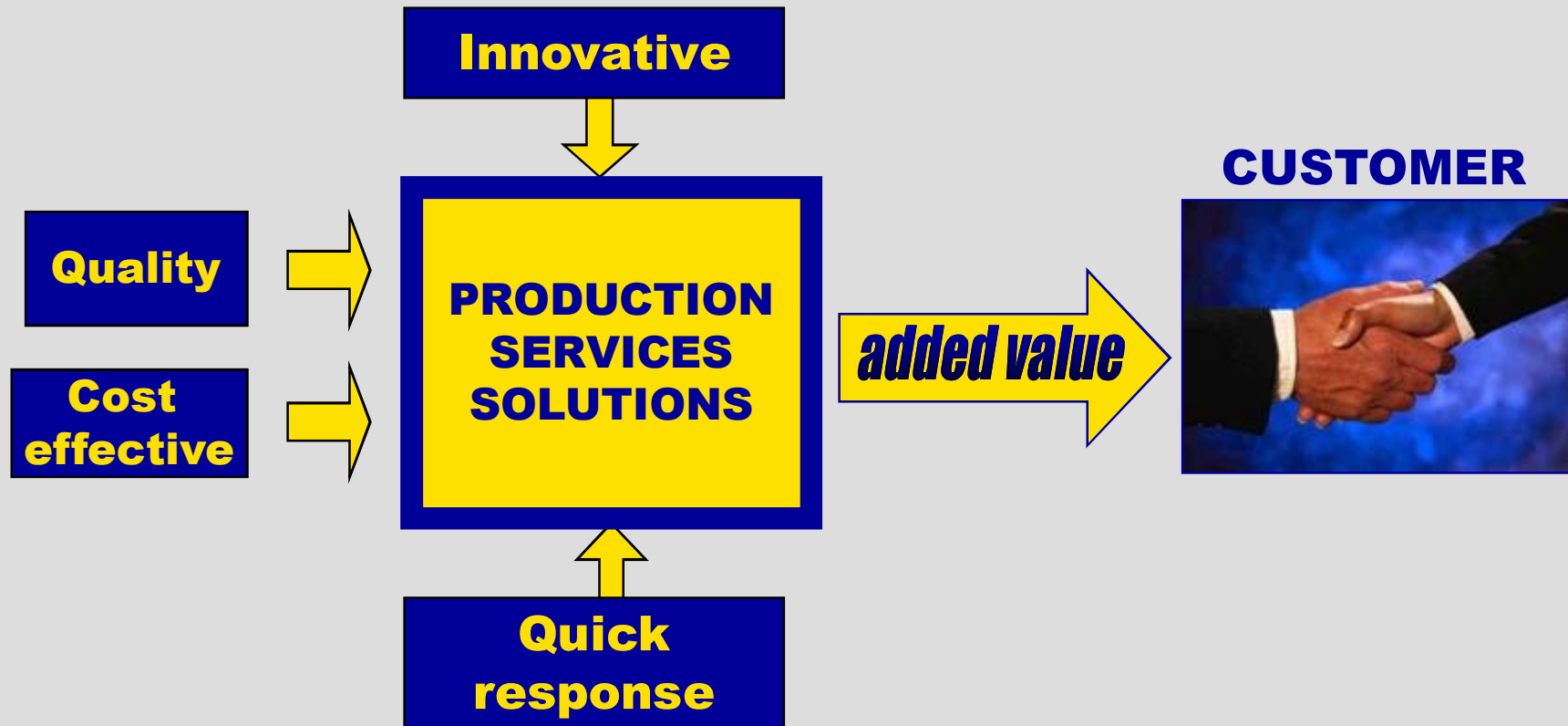
**Turkey-Korea Workshop on Automotive R&D**

- **Our Vision**
- **Our Mission**
- **Company History**
- **Our Brands**
- **Product Range**
- **Global Network**
- **OEM References**
- **Quality Awards**
- **Laboratory Capabilities**
- **Design Experience**
- **Aims**



To be the LEADING BATTERY  
MANUFACTURER in  
Eastern Europe and Middle East

To satisfy our customers by added value through innovative, quality, cost effective and quick-response production, services and solutions.



**1984**

Founded in the name, İnci Akü , by İnci Holding

**1985**

First OEM supply , Transferred licence and technology  
from Austrian Dr. Leopold Jungfer Baren

**1993**

Formed a joint-venture with CEAC/France  
Starting the production of Tudor for domestic market

**1995**

Joint venture structure was changed after acquisition of  
CEAC by Exide , Obtained ISO 9002 TSE certificate

**1998** New plant in Kyiv/Ukraine has been founded

**2000** Acquisition of EAS batteries and first production of EAS  
brand in Inci facilities

**2002** Obtained TS **16949** certificate

**2005** **100%** of shares re-owned by Inci Holding ,  
Starting Kaizen in every level of the organization,  
Obtained ISO **14001** certificate

**2006** Starting six sigma approach

Obtained Ford Q1 Certificate.

**2007** Inci Akü's production system "INIS" was improved,

Quality System techniques TPM, QRQC, 5S were started to be applied,

**2008** Our products have been sold over 40 countries,

Obtained ISO 18001 Ohsas Quality Award



## İNCİ AKÜ SAN. VE TİC. A.Ş.

**Location:** Manisa / Turkey

**Area:** 35,000 m<sup>2</sup>

**Capacity:** 4,000,000 battery/year

**Employees:** 360 people



## JSC METRA

**Location:** Kyiv / Ukraine

**Area:** 5,800 m<sup>2</sup>

**Capacity:** 300,000 battery/year

**Employees:** 45 people

**İNCI AKÜ®**



**Hugel®**



## STARTER BATTERIES 36 Ah - 240 Ah

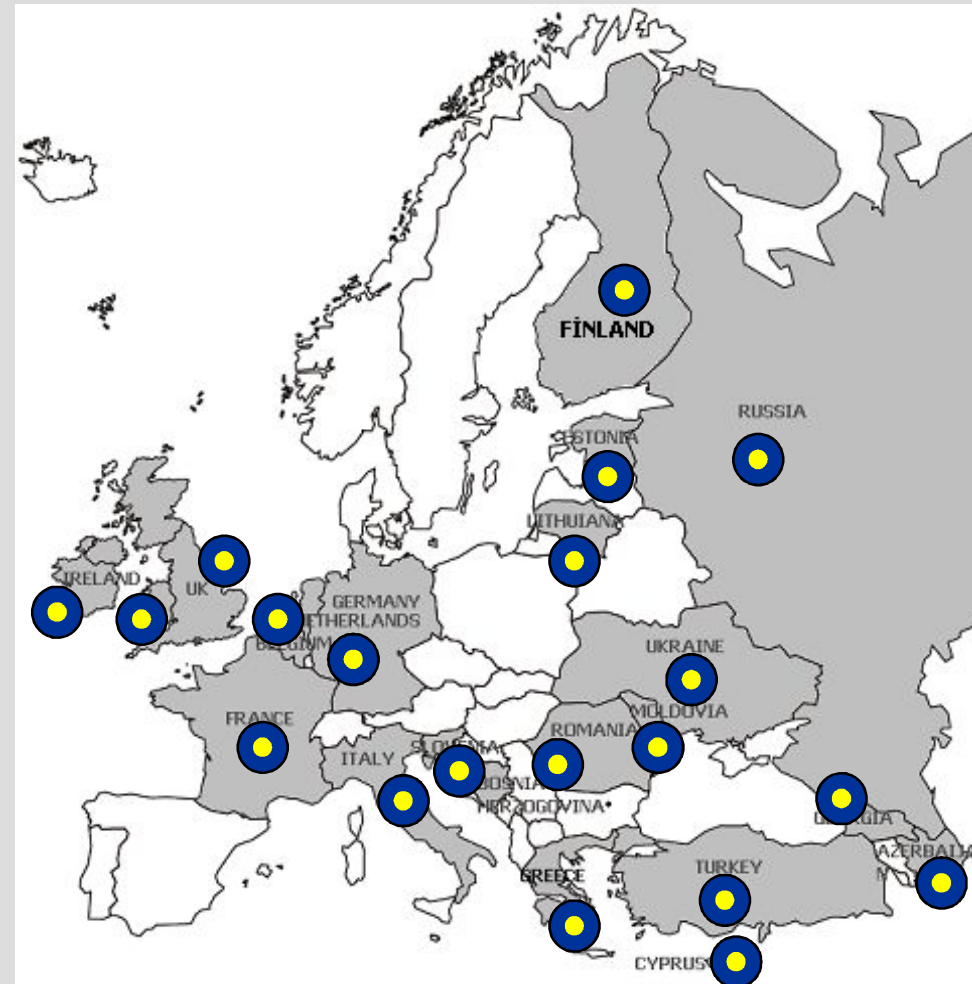


## INDUSTRIAL BATTERIES



## EUROPE

- |                               |                   |
|-------------------------------|-------------------|
| <b>Turkey</b>                 | <b>Lithuania</b>  |
| <b>Cyprus</b>                 | <b>Italy</b>      |
| <b>France</b>                 | <b>Azerbaijan</b> |
| <b>UK</b>                     | <b>Georgia</b>    |
| <b>Ireland</b>                | <b>Romania</b>    |
| <b>Germany</b>                | <b>Greece</b>     |
| <b>Netherlands</b>            | <b>Ukraine</b>    |
| <b>Belgium</b>                | <b>Slovenia</b>   |
| <b>Bosnia and Herzegovina</b> | <b>Estonia</b>    |
| <b>Finland</b>                | <b>Moldovia</b>   |



## AFRICA

Algeria

Libya

Egypt

Ethiopia

Nigeria

Cameroon

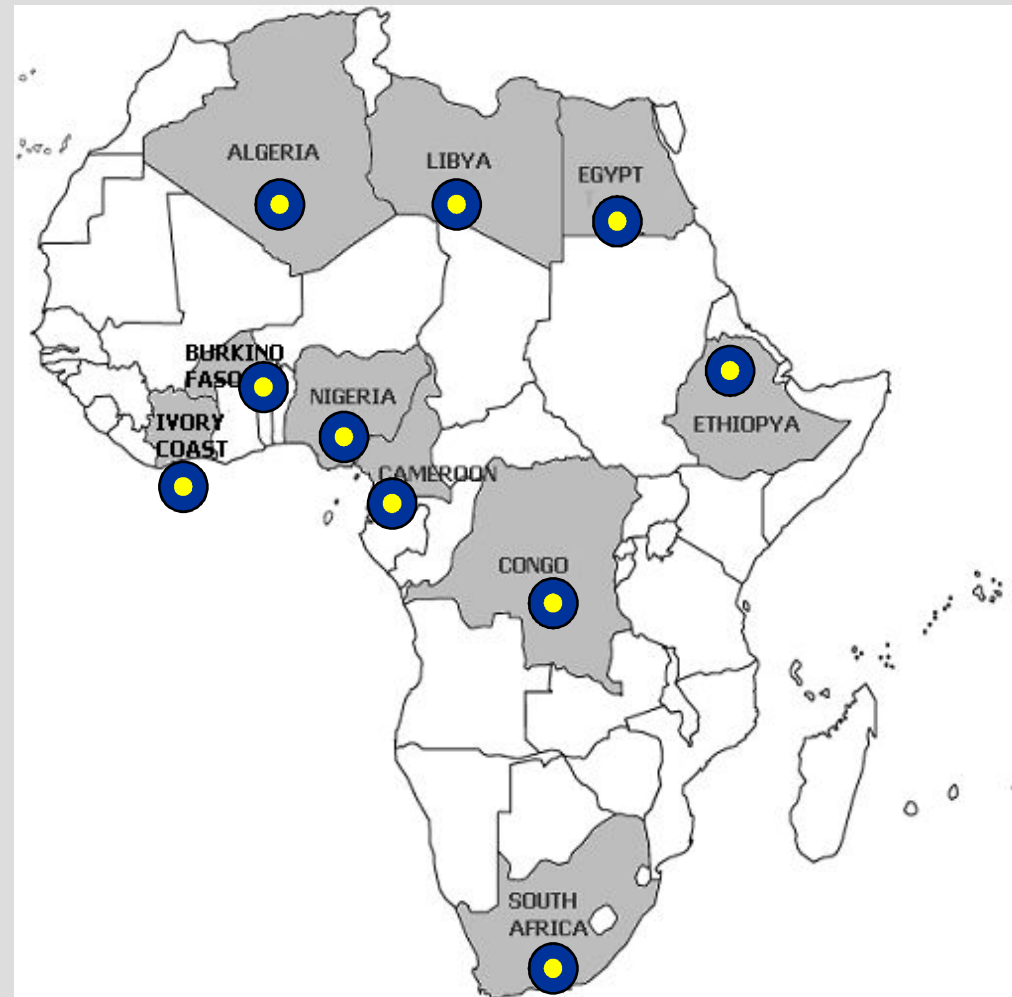
Congo

South Africa

Benin

Ivory Coast

Burkina Faso



## MIDDLE EAST

**Turkmenistan**

**Syria**

**Iraq**

**Iran**

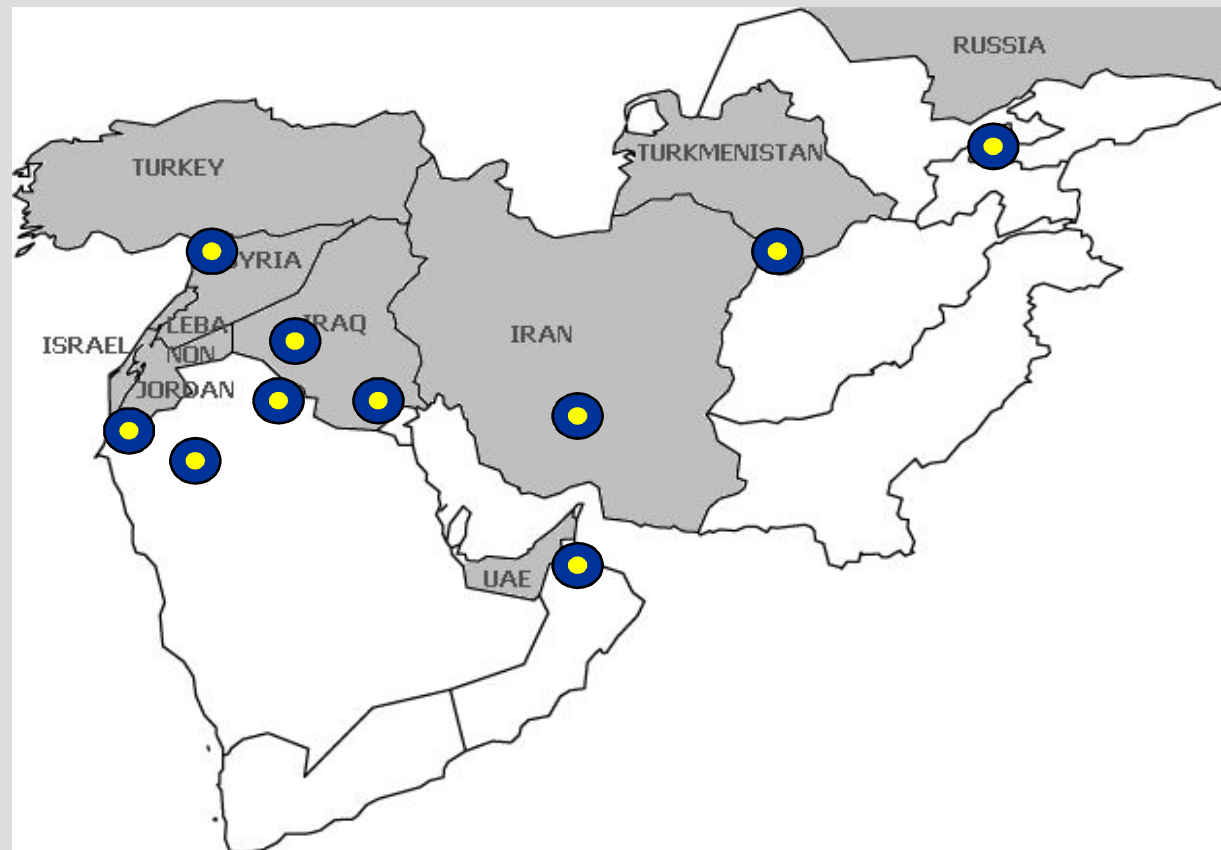
**Israel**

**Lebanon**

**Jordan**

**UAE**

**Russia**



Since 1987...



Mercedes-Benz



HYUNDAI

**ISUZU**



**KARSAN**



**TEMSA**

**Otokar**



SAIPA  
GROUP



- **Since 1995**



- **Since 2002**



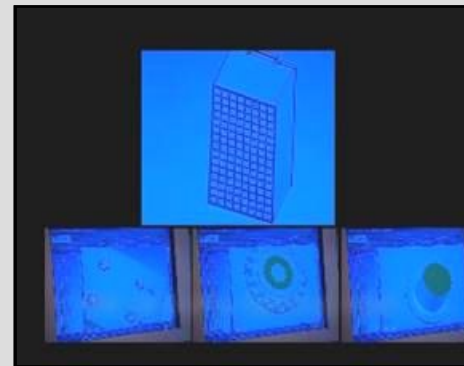
- **Since 2005**



- **Since 2006**



## Latest Technology... Greatest Capabilities...



## Customer Standards

Ford Otosan	ES 6G9N-10655-AA
Fiat	9.95209/01-02..9.95209
Hyundai	SAE J 5301
	SAE J 973a
	SAE J 240
	SAE J 537
	SAE J 1495
Renault-Nissan	Draft 11/09/03
Nissan	24410 NDS00-3-1999

Honda	3150Z-SCA-0000
Renault	36-001 A
PSA	B25 5210
Toyota	T S C5102G
	T S C5103G
	T S C5104G
	T S C5105G
	T S C5107G

## General Standards

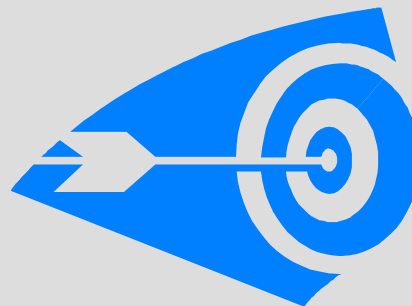
General	EN 50342+A1
Saudi Arabia	Gulf standart
Russia	Gost Standart

- ✓ **Jungfer Baren License and Technological Partnership 1985-1993**
- ✓ **Ceac/France Joint-Venture and Technological Partnership 1993-1995**
- ✓ **Exide Joint-Venture and Technological Partnership 1995-2005**
- ✓ **Research Center of Inci Holding is established in Techno Park / Izmir in 2004 to support İnci Aku**
- ✓ **Technical agreements with the specialist companies in their fields (German, Italian)**

## **TÜBİTAK MRC – ENERGY INSTITUTE**

- **İNÇİ AKÜ, TÜBİTAK MRC ENERGY INSTITUTE and FORD AUTOMOTIVE completed the “Developing a battery module for hybrid electric cars”.**
- **The second phase of the project “Developing the Ni-MH Cell” has been continuing with the TÜBİTAK MRC ENERGY INSTITUTE.**
- **“Developing the Smart Battery Power Pack” had started with the TÜBİTAK MRC ENERGY INSTITUTE.**

- **To transmit our current lead acid battery production force, experience and quality understanding to new technology batteries.**
- **To be able to produce advance electrochemical batteries like (VRLA, Ni-MH, Li-Ion) in our company**



**Thank you  
for your attention...**

