

DENSO BARCELONA S.A.U.

1. COMPANY PROFILE FY'16
2. CTROL EMISIONS DNBA.
 - Ctrol Emissions Fàbrica.
 - Ctrol Emissions Mobilitat.



Our Mission

Contributing to a better world by creating value together with a vision for the future.



Established	1949
Net consolidated sales	34.0 billion EUR
Ordinary Income	2.4 billion EUR
Employees	146,714
Consolidated subsidiaries in 36 countries (Japan, North America, Europe, Asia/Oceania, Others)	223

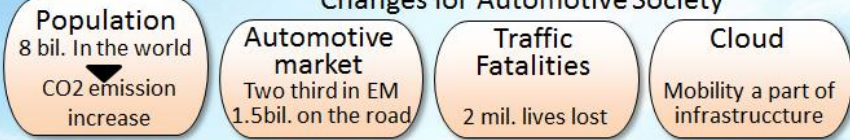
Notes: EUR amounts have been translated and rounded, for convenience only, at the rate of 133 JPY= 1€. April 2015

Long Term Policy

Protecting lives, Preserving the planet, and Preparing a bright future for generations to come

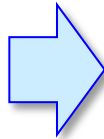
2025 Business Environment

Changes for Automotive Society



2025 Future Society

Global Common Keyword



2020 Goal

Deliver convenience and joy of driving to the people all over the world

Maximize positive value

DENSO's commitment to automotive society

Minimize negative impact

Preserve the Planet Security & Safety

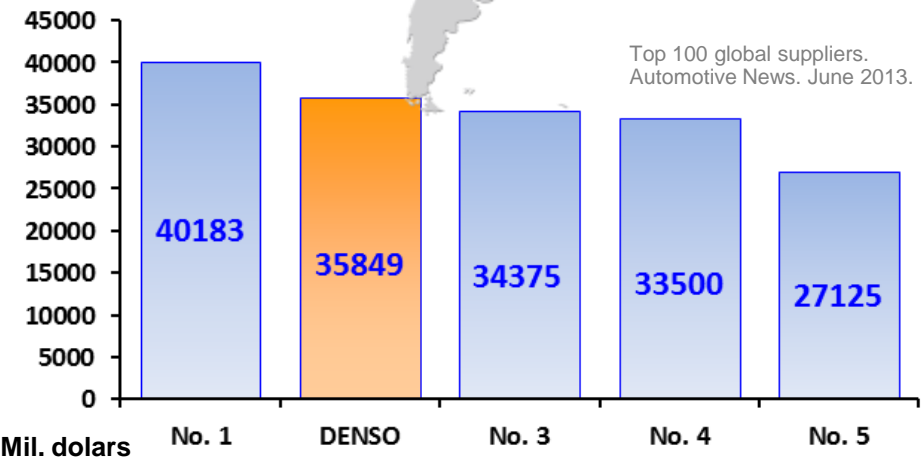
Our mission in next 10 years

2. DENSO CORPORATION OVERVIEW AND GLOBAL NETWORK

As a global supplier DENSO is located in 36 countries with 223 companies and 146,714 employees



Global 2nd automotive supplier worldwide



Business overview

- Power Train Control Systems



- Electronic Systems



- Thermal Systems



- Information & Safety Systems



- Small motors



Product overview

Environment

We are contributing to enhanced fuel efficiency and purification of exhaust gas for a wide variety of sources of power through such products as our PCU that controls electric voltage on hybrid vehicles and our common rail system, which serves as the core of clean diesel engines.

Power Control Unit (PCU)



Starter-type idling stop system



Common rail system



Security & Safety

We support preventive safety systems and crash safety systems with our unique technologies, beginning with millimeter-wave radar that is indispensable for adaptive cruise control and barrier and pedestrian detection and our displays that show information on the front windshield.

Head-Up Display



Millimeter-wave radar

Comfort & Convenience

We support the advance of convenient and comfortable moving spaces through products that include air conditioners that use minimal power, car navigation systems connected to smart phones and ETC that contributes to smooth traffic flows.



Air conditioning units



Electronic Toll Collection (ETC)

Car navigation system ARPEGGIO



5 Automotive Business Groups contribute to cover each business direction

We allocate Corporate Social responsibility in the core of our business



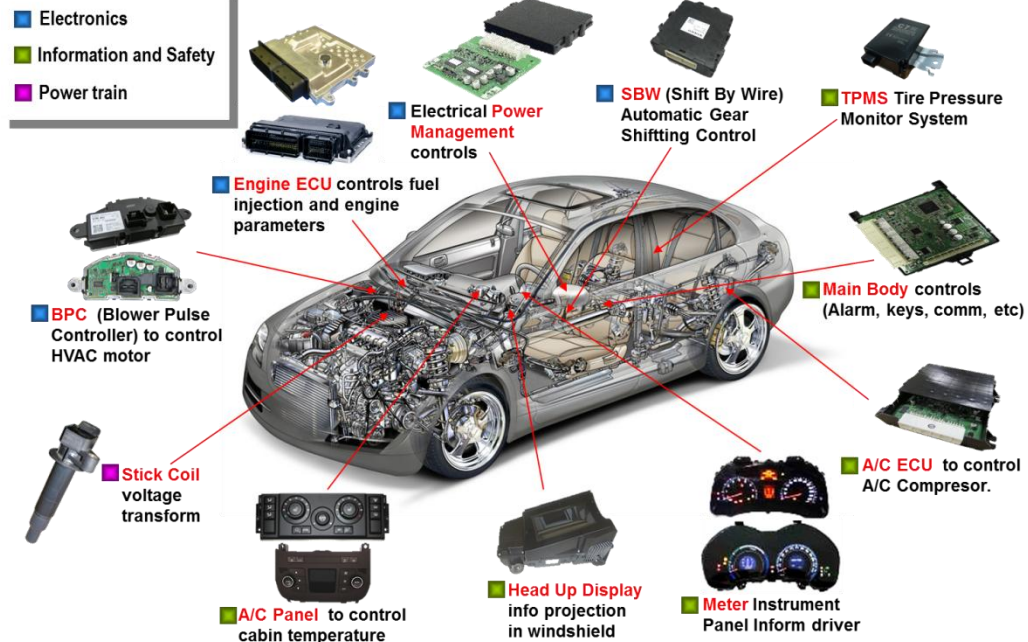
Established

June 1989
Production Start: September 1991

Employees

750

Products: **Electronics, Information & Safety, Powertrain**



Customers:



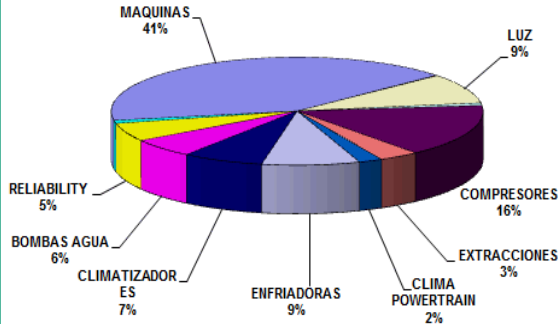
Certifications:



EMISSIONS PLANTA DE PRODUCCIÓ

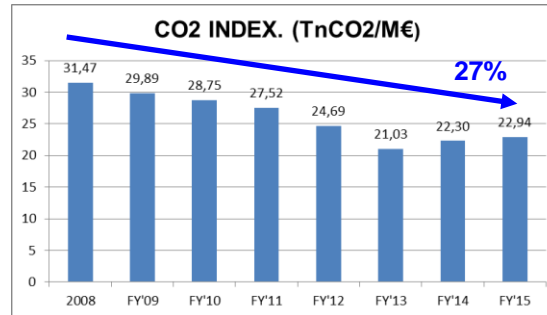
CONSUM D'ELECTRICITAT I GAS NATURAL

CONSUM



Consum Total: > 11.GWh
Contaminació: > 5.600 TnCO2

EVOLUCIÓ



GASOS REFRIGERANTS

CONTROL



Nº Maquines amb gasos: 152
Quantitat Total: > 1,2 Tn
 Normes Internes per assegurar:
 Emmagatzematge segur, control de fuites
 Bona gestió dels residus.

ACTIVITATS PRINCIPALS

FY'15 Solar panels



Self consumption project

FY'15 ISO 50.001



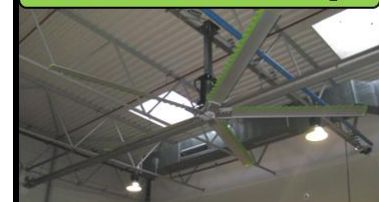
1st EU Company with Energy management System

FY'13 Chillers control



Automatic Control System in water chillers:

FY'12-13 Gas Saving

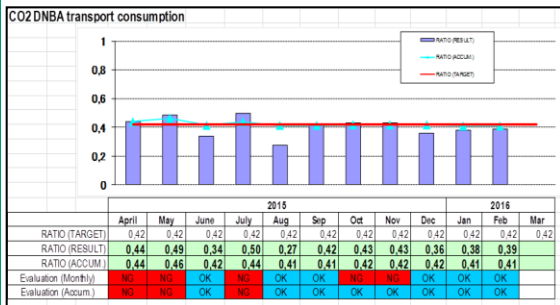


Fan in WH: break hot air stratification:

MILK RUN



Promoció de la eficiència a la Logística (milk run)



Control Km del transport dels proveïdors Catalans. Optimització viatges i càrregues.

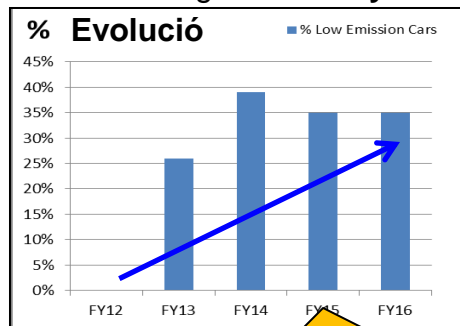
EMISIONS MOBILITAT

COMPANY CARS



Promoció dels cotxes amb baixes emissions.

CO2 saving: > 10 Tn / year



Des de l'Any 2015 hi ha una Norma Interna (*WSHE-C-ENV-006*) que obliga que tots els cotxes que es comprin amb criteri ambiental. (Low emission)

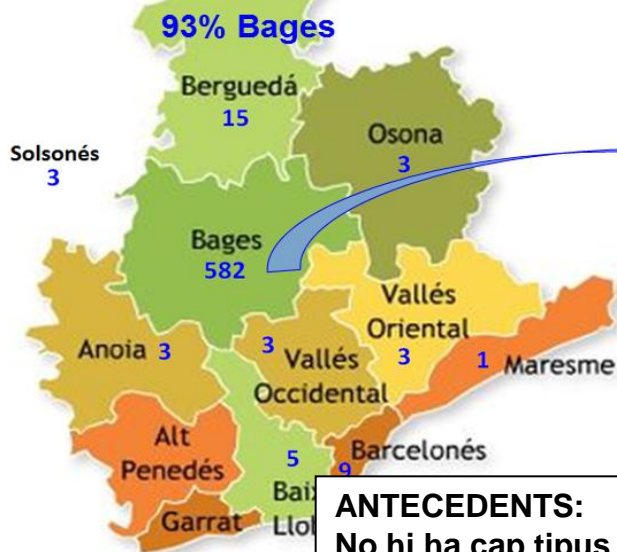
GREEN PARKING



Projecte: Compratim cotxe.



ORIGENS DELS TREBALLADORS



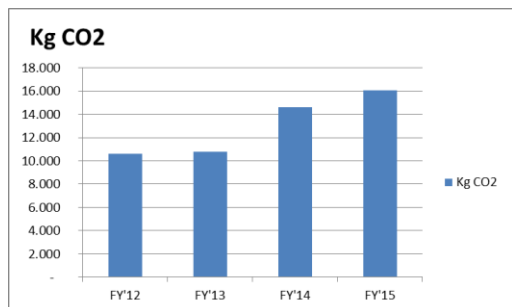
Distribució territorial



ANTECEDENTS:

- No hi ha cap tipus de transport públic a la zona on estem ubicats.
- No hi ha cap dels municipis a poca distància curta.
- No hi ha carrils bici.

RESULTATS



18 cotxes compartits / dia (4%)

AVANTATGES

Medi Ambient:

CO2 saving: > 16 Tn/year

Treballadors:

- Estalvi € (0,25€/Km)
- Premis (vals Activitats, combustible, etc)
- Proximitat entrada i facilitat aparcament.
- Salut (en cas d'ús de bicicleta)

Empresa:

- Reducció places d'aparcament.
- Menys probabilitat accident in itinere.

FUNCIONAMENT



ALTRES FACTORS

- < Horaris laborals.
- < Altres incentius (marquesines)
- < Formació ambiental

DENSO

Global supplier of automotive technology, systems and components.