

11-12 September, 2014

ASM TERNI L.t.d.



INTODUCTION:

THE EUROPEAN UNION WAS BORN IN

THE 50s OF THE LAST CENTURY IN ORDER TO

AVERT POSSIBLE WARS BETWEEN NEIGHBORING

COUNTRIES, AS WAS IN THE SECOND WORLD WAR.

THE ORIGIN OF THE FIRST CORE COMMUNITY CAME
WITH THE EUROPEAN COMMUNITY OF COAL AND
STEEL WHICH JOINED SOME EUROPEAN COUNTRIES

ECONOMICALLY AND POLITICALLY IN ORDER

TO ENSURE A LASTING PEACE







- THEGENERIC TERM OF "NETWORK" DEFINES A SET OF ENTITIES INTERCONNECTED WITH EACH OTHER
- IN THIS WAY A NETWORK ALLOWS TO CIRCULATE ELEMENTS
 AMONG EACH OF THESE ENTITIES ACCORDING TO WELL-
 - DEFINITED RULES
 - DEPENDING ON THE TYPE OF ENTITY INVOLVED WE CAN DEFINE DIFFERENT TYPE OF NETWORKS
- TELECOMMUNICATIONS; TRANSPORT; POWER GRID; GAS DISTRIBUTION; WATER DISTRIBUTION; etc.





UNITED EUROPE



THE INERTIA OF A BODY IS THE PROPERTY WHICH DETERMINES
THE RESISTENCE TO CHANGES IN THE STATE OF MOTION... A GOOD
CRITICAL MASS SAFEGUARDS FROM FLUCTUACTIONS AND

PROMOTES



THE GREATER THE INERTIA OF A SYSTEM IS; THE GREATER ITS ABILITY TO COUNTERACT EXTERNAL ACTIONS AND ...

IT WILL BE MORE STABLE



European electricity transmission system

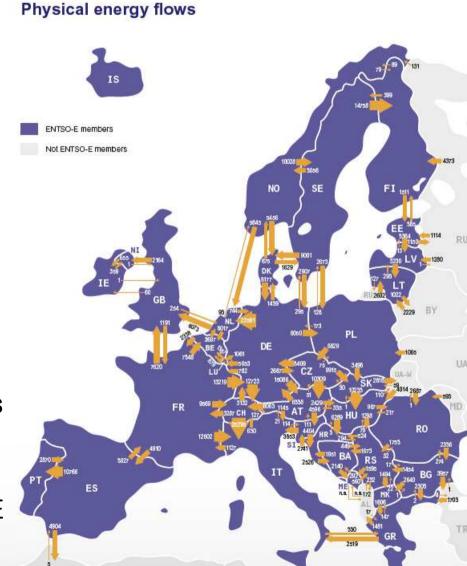
Net generating Capacity 951 GW

HV circuit length 300.000 km

MV+LV circuit length 5.000.000 km

... more or less how to do it 135 times around the World (40.000km)!

IT IS ONE OF LARGEST MAN-MADE TECHNOLOGICAL NETWORKS!





New one by nature transnational infrastructures that provide services to member countries in a logic of physical interconnection between them.

This gives the networks a function of natural union among the nations involved, and only a unified management of them can guarantee the security of the states concerned, the supplies of essential services for operation and economic development.

Every network, provides services and performances thanks to the participation of all countries on the territory in which the network is physically located.



In the 2014-2020 budget of the Union the European Cohesion Policy will invest 325 billions of euro in the member states through a reform that within its 10 key elements also involves the networks and therefore will have an impact on the role of those who support them.

The "e-Cohesion is an initiative intended to support the reduction of administrative burden for beneficiaries and programmes as an important part of the Structural Funds simplification effort". The European Commission can offer support in fulfilling the e-Cohesion requirements by providing to the Member States a free of charge data exchange platform 'e-TrustEx'.



CONCLUTIONS

UNIFIED EUROPEAN MANAGEMENT OF NETWORKS CAN THEN BE THE VEHICLE TO ENSURE SAFETY TO THE STATES CONCERNED IN THE SUPPLY OF ESSENTIAL SERVICES FOR THE ECONOMIC DEVELOPMENT OF THE SAME

THE ROLE OF THOSE WHO MANAGE THE NETWORKS WILL BE A KEY ELEMENT IN THE TRANSACTIONAL SHARING OF GOODS, IN THE COHESION POLICY, TO ENSURE THE HARMONIOUS DEVELOPMENT OF RICHLY DIVERSE TERRITORIES.

THE COMMON EUROPEAN IDENTITY THROUGH THE NETWORKS MAY HAVE AN IMPULSE AND **COMPLETE THE STARTED PROCESS**.

THE ECONOMY IS THE DRIVING FACTOR FOR THE FORMATION OF EUROPE, WHICH HAS **TO CENTRE ON ITS GOALS** AND **FOCUS ITS EFFORTS** ON **THE MOST IMPORTANT ASSETTS FOR THE DEVELOPMENT**, SUCH AS THE ENERGY CARRIERS, BUT NOT ONLY THEM.



CONCLUTIONS

IN CONCLUSION, EUROPE AND COMMUNITY BODIES THAT HAVE THE RESPONSIBIL PROVIDE GUIDELINES AND MAKE LAWS ON ECONOMIC AND FISCAL SUBJECTS, SHOULD DIRECT THEIR BEST EFFORTS IN PROMOTING THE DEVELOPMENT OF ELECTRICAL, GAS AND COMPUTER TRANSNATIONAL NETWORKS, WHICH ARE FORMING THE FIRST REAL ECONOMIC ELEMENTS FOR A REAL PHYSICAL EUROPEAN **IDENTITY**, NO LONGER BASED ON PROCLAMATIONS AND DECLARATIONS OF INTENT.





