GENERAL NATIONAL PLAN_INFRASTRUCTURE SYSTEM_ENERGY - INDUSTRY

MINISTRIA E ZHVILLIMIT URBAN
REPUBLIKA E SHQIPËRISË

AKPT
AGJENCIA KOMBETARE E
PLANIFIKIMIT TE TERRITORIT
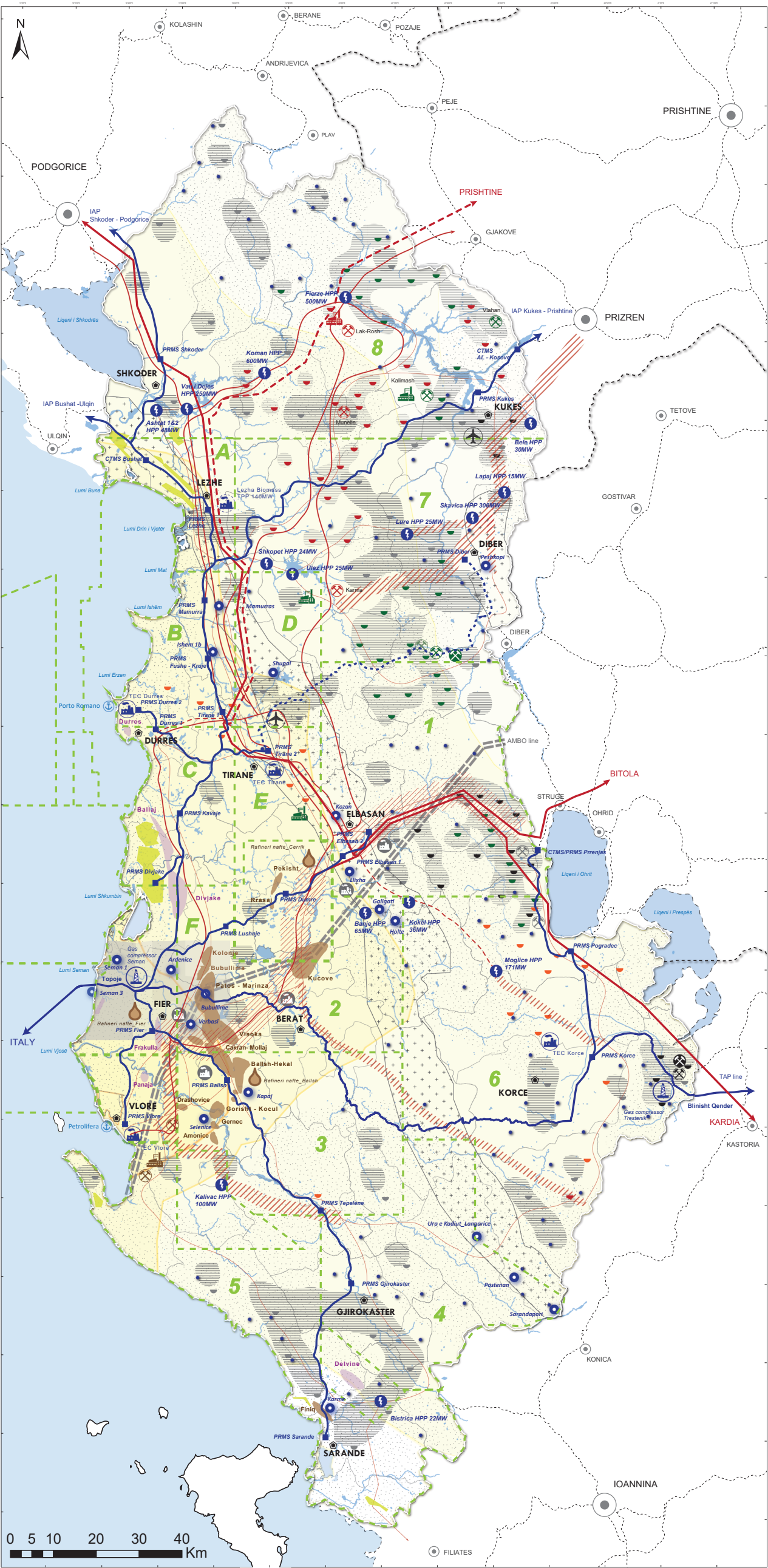
Principles
- Diversification toward renewable energy;
- Unification of energy corridors with those of transport infrastructure, where it is feasible;

Priorities
- Improving electricity supply in the whole region of the country, with focus on the primary functional economic areas.
- Strengthening the network of electricity supply within the existing and proposed seaports;
- Strengthening the network of electricity supply that will serve the special employment groups, considering the demands from the processing industrial areas, with a particular focus on the areas known as free economic zones.

Strategic projects include:
- TAP – completion of the Trans-Adriatic Pipeline project;
- IAP – completion of the Ionian-Adriatic Pipeline project, which will pass in the western part of Albania, from Fier to Shkodra and then Montenegro with two branches, one in Ulcinj and the other one in Podgorica;
- IAP - KOSOVO, carrying out the gasification project of Kosovo from Albania, thus completing the Western Balkan Ring (WBR);
- The gasification of 7 regional development poles of the country. This strategic project emanates from the polycentric development of Albania. It has started to be implemented with the development of the Gas Master Plan, initiated by the Ministry of Energy and Industry;
- Feasibility study on the possibility to reactivate the existing thermal power plants operating with gas;
- Feasibility study on making efficient the areas with a priority on mineral extraction and processing;
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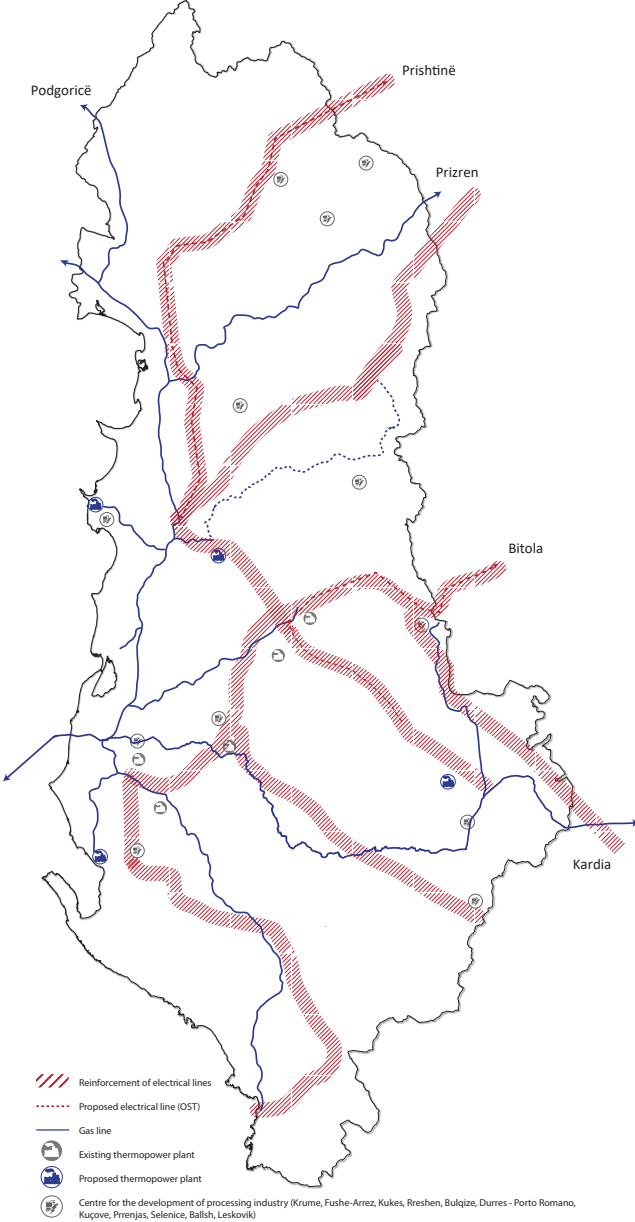
LEGEND

- Administrative border
- Energy port
- Airoport
- Hydroenergy
- Main hydropower plants
- Small hydropower plants
- 110 kV lines
- 220 kV lines
- 400 kV lines
- Reinforcement of lines
- Alternative energy
- Area rich in mineral resources
- Steel-nickel deposit
- Active steel-nickel mine
- Closed steel-nickel mine
- Steel-nickel mine under construction
- Copper deposit
- Copper mine
- Copper enrichment factory
- Chrome deposit
- Active chrome mine
- Closed chrome mine
- Chrome mine under study
- Chrome enrichment factory
- Bitumen mine
- Bitumen melting furnace
- Coal deposit

- Non - metal deposit
- Proposed thermal plant
- Inactive thermal plant
- Biomass power plant
- Gas infrastructure
- Gas line (MoEI)
- Gas line Tirana - Dibra (GNP)
- Gas bearing fields
- Gas compressor
- Oil infrastructure
- AMBO line
- Oil refinery
- Oil bearing fields
- Areas of oil and gas deposits and research blocks
- Solar energy (quantity of sunny hours)
  - < 2100
  - 2100 - 2300
  - 2300 - 2500
  - 2500 - 2700
  - > 2700
- Wind energy
  - 3000 - 4500
  - 4500 - 5250
- Eolic park
- Geothermal energy
  - <0.25 Gj/m2
  - 0.25 -0.50 Gj/m2
  - 20-40 Gj/m2
- Geothermal resources

Reinforcement of electrical lines
Proposed electrical line (OST)
Gas line
Existing thermopower plant
Proposed thermopower plant
Centre for the development of processing industry (Krume, Fushe-Arrez, Kukes, Rreshen, Bulqize, Durres - Porto Romano, Kuçove, Prrenjas, Selenice, Ballsh, Leskovik)

Sources:
- http://aea-al.org/wp-content/uploads/2012/04/HYDRO-ENERGY-ALBANIA.pdf
- Geothermal thematic map_http://akbn.gov.al/images/pdf/publikime/Minierat.pdf
- http://www.akbn.gov.al/images/pdf/publikime/Minierat.pdf
- http://www.akbn.gov.al/wp-content/uploads/2010/04/images_pdf_energji-te-rinovueshme_Energjia_e_Eres.pdf
- http://www.akbn.gov.al/wp-content/uploads/2010/04/images_pd
- http://www.akbn.gov.al/energjia-diellore/
- National Energy Strategy_The map of oil and gas fields and exploration blocks
- Burimet Gjeneruese dhe Zhvillimi i Infrastruktures Energjetike ne Shqiperi - Roli i Linjave Tregtare_Agim Nashi
- The map of transmission lines, OST
- http://www.tap-ag.com/
- Gas Masterplan Study, GMS_The map for possible gas corridors

Map labels include:
KOLASHIN, BERANE, POZAJE, ANDRIJEVICA, PEJE, PRISHTINE, PLAV, GJAKOVE, PRIZREN, TETOVE, GOSTIVAR, PODGORICE, PODGORICË, Prishtinë, Prizren, Bitola, Kardia, OHRID, STRUGE, KONICA, IOANNINA, FILIATES, KASTORIA, KONICA, ULQIN, ITALY, BITOLA, KARDIA

Cities/sites:
SHKODER, LEZHE, DURRES, TIRANE, ELBASAN, FIER, BERAT, VLORE, GJIROKASTER, SARANDE, KUKES, DIBER, KORCE

- IAP Shkoder - Podgorice
- IAP Bushat -Ulqin
- CTMS Bushat
- PRMS Shkoder
- Koman HPP 600MW
- Vau i Dejes HPP 250MW
- Ashta 1&2 HPP 48MW
- Fierze HPP 500MW
- Vlahan
- Lak-Rosh
- IAP Kukes - Prishtine
- CTMS AL - Kosovo
- Kalimash
- PRMS Kukes
- Munella
- Bela HPP 30MW
- Lapaj HPP 15MW
- Lezha Biomass TPP 140MW
- Skavica HPP 300MW
- Lure HPP 25MW
- Shkopet HPP 24MW
- Ulez HPP 25MW
- PRMS Diber
- Peshkopi
- Kaptina
- PRMS Mamurras
- Mamurras
- Ishem 1b
- PRMS Fushe - Kruje
- Shupal
- TEC Durres
- PRMS Durres 2
- Durres
- PRMS Durres 2
- PRMS Tirane
- PRMS Tirane 2
- TEC Thane
- PRMS Kavaje
- Kozan
- PRMS Elbasan
- Rafineri nafte_Cerrik
- Pekisht
- PRMS Bradashesh 1
- CTMS/PRMS Prrenjas
- Lixha
- Galigati
- Banje HPP 65MW
- Kokel HPP 38MW
- Holte
- PRMS Divjake
- Krrase
- PRMS Dumre
- PRMS Lushnje
- Moglice HPP 171MW
- PRMS Pogradec
- Gas compressor Seman
- Seman 1
- Topoje
- Seman 3
- Ardenice
- Kolonje
- Bubullima
- Patos - Marinza
- Kucove
- Vjoka
- Bubullime
- Verbas
- Rafineri nafte_Fier
- PRMS Fier
- Frakulla
- Panaja
- PRMS Ballsh
- Drashovice
- Gorishti - Kocul
- Gernec
- Selenice
- Amonice
- Cakran-Mollaj
- Ballish-Hekal
- Kapaj
- Rafineri nafte_Ballish
- PRMS Vlore
- Petrolifera
- TEC Vlore
- Kalivac HPP 100MW
- PRMS Tepelene
- Ura e Kadiut_Lengarice
- PRMS Gjirokaster
- Postenan
- Sarandaporo
- Delvine
- Kardhiq
- Finiq
- Bistrica HPP 22MW
- PRMS Sarande
- TEC Korce
- PRMS Korce
- Blinisht Qender
- Gas compressor Tresenice
- TAP line
- AMBO line
- Lumi Buna, Lumi Drini i Vjetër, Lumi Mat, Lumi Ishëm, Lumi Erzen, Lumi Shkumbin, Lumi Seman, Lumi Vjosë
- Liqeni i Shkodrës, Liqeni i Ohrit, Liqeni i Prespës
- Ligeni i Ohrit

Regions labeled: A, B, C, D, E, F, 1, 2, 3, 4, 5, 6, 7, 8

0 5 10   20   30   40 Km