

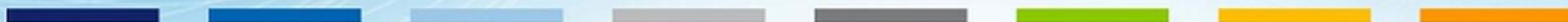
KONČAR

DAN INŽENJERA REPUBLIKE
HRVATSKE

2. ožujka 2015. godine

**Energija – pokretač
čovječanstva**

Darinko Bago, predsjednik Uprave
KONČAR – ELEKTROINDUSTRIJA d.d.



PRETPOSTAVKE ZA RAZVOJ DRUŠTVA

- DUHOVNE
- MATERIJALNE
- ORGANIZACIJSKE

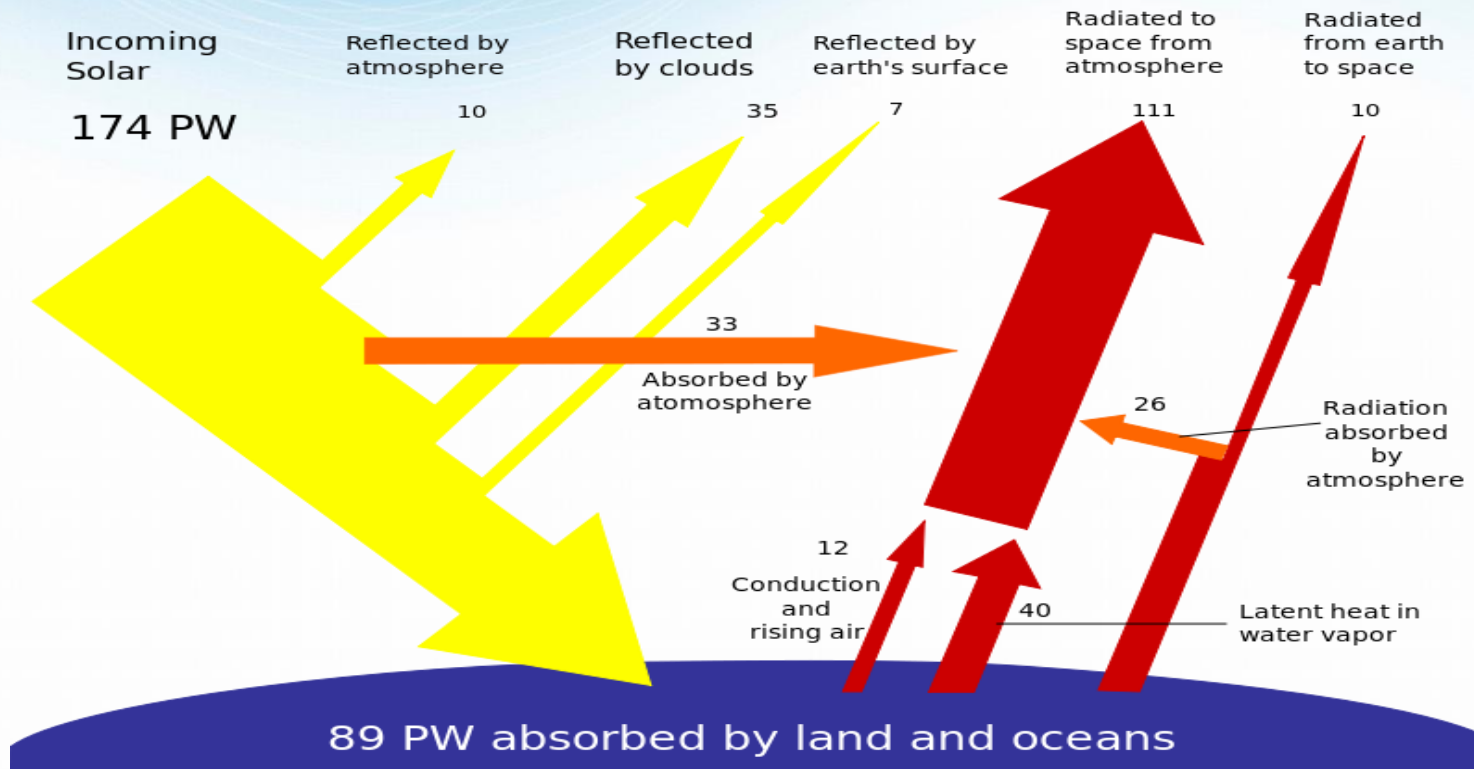
MATERIJALNE PRETPOSTAVKE ZA RAZVOJ DRUŠTVA

- ENERGIJA
- VODA
- HRANA
- INFRASTRUKTURA (KUĆE, CESTE,)
-
-

IZVORI ENERGIJE

- SUNCE (UGLJIKOVODICI, VJETAR, VODA, BIOMASA)
- NUKLEARNA ENERGIJA

SUNCE



ZBOG KONTROLE IZVORA ENERGIJE

- RUŠE SE VLADE
- STVARAJU TRAJNO ŽARIŠNE ZONE
- NAMEĆU SANKCIJE DRŽAVAMA
- ZAPOČINJU RATOVI

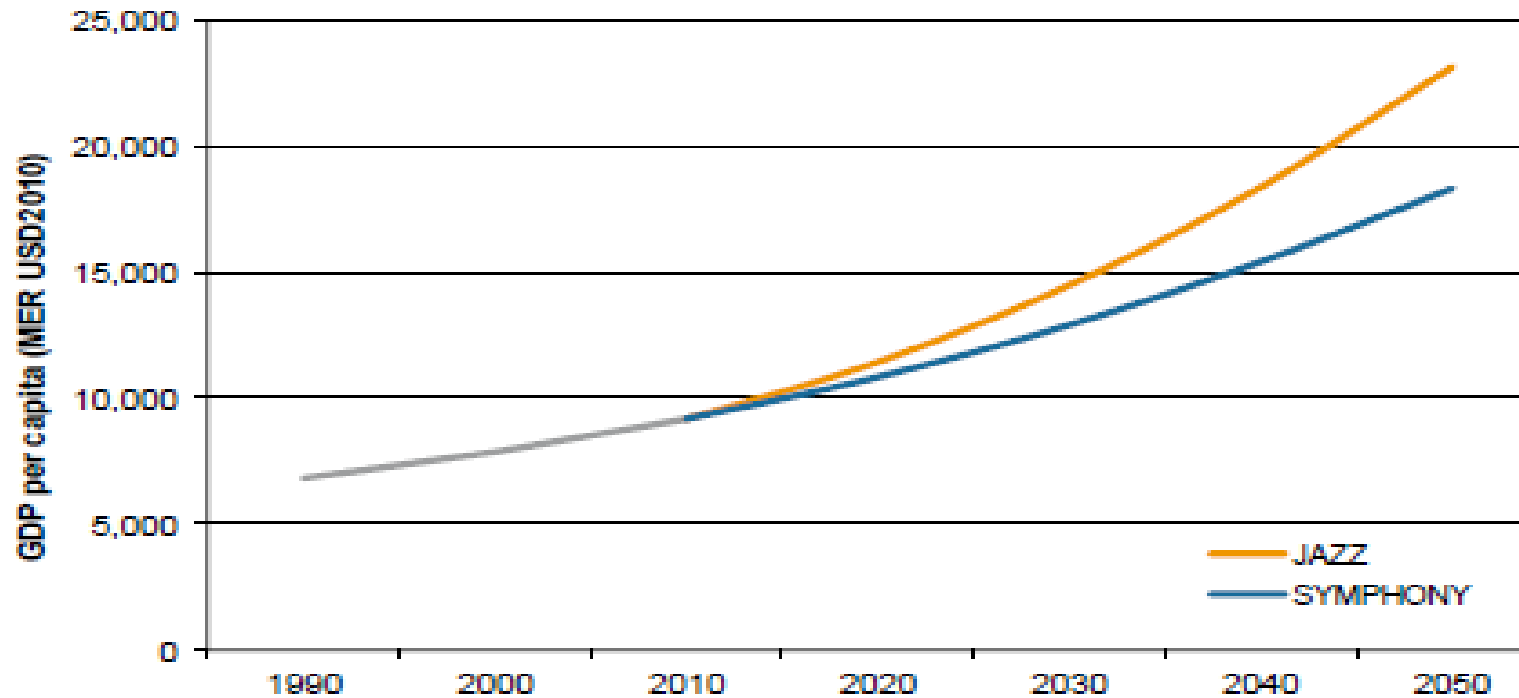


RAST BDP-a

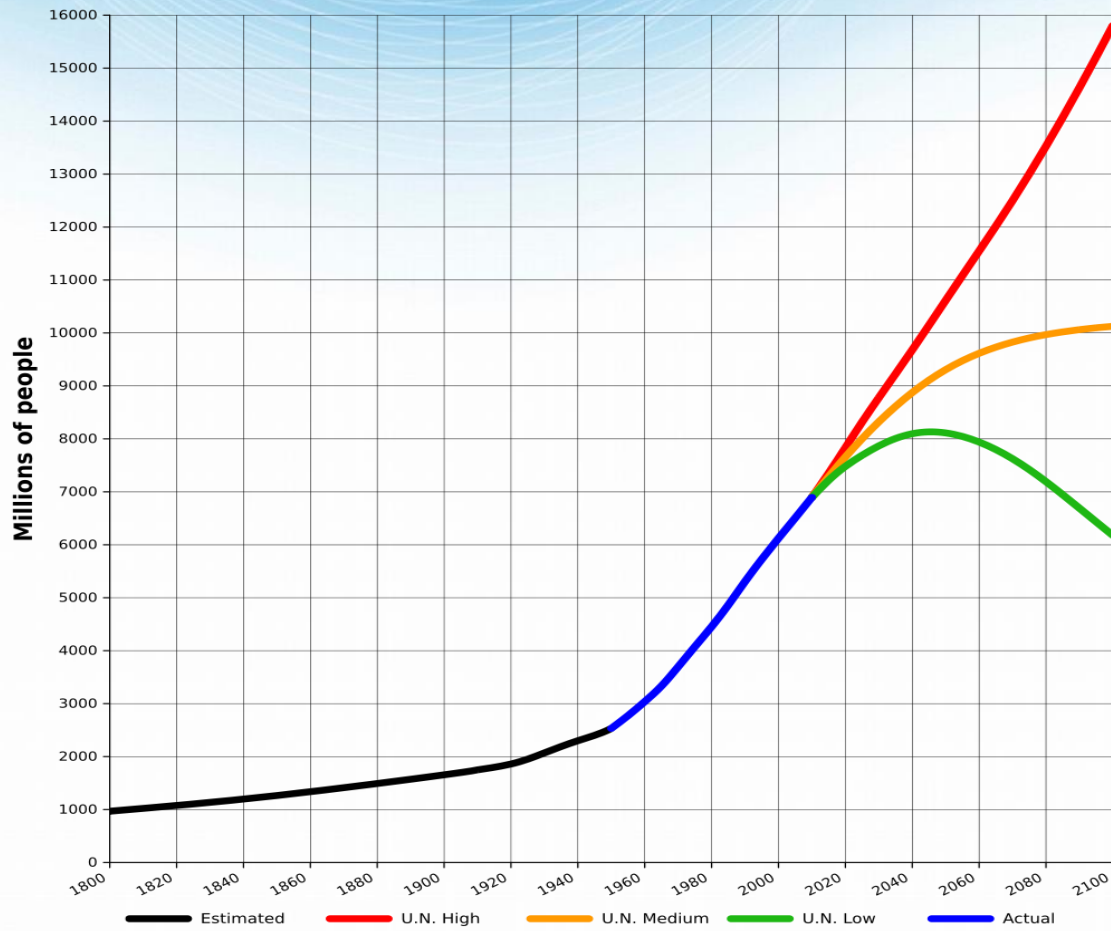
Energy equity

Figure 85 – Income (GDP per capita)

Source: World Energy Council (2013)



POPULACIJA NA ZEMLJI DO 2050. GODINE

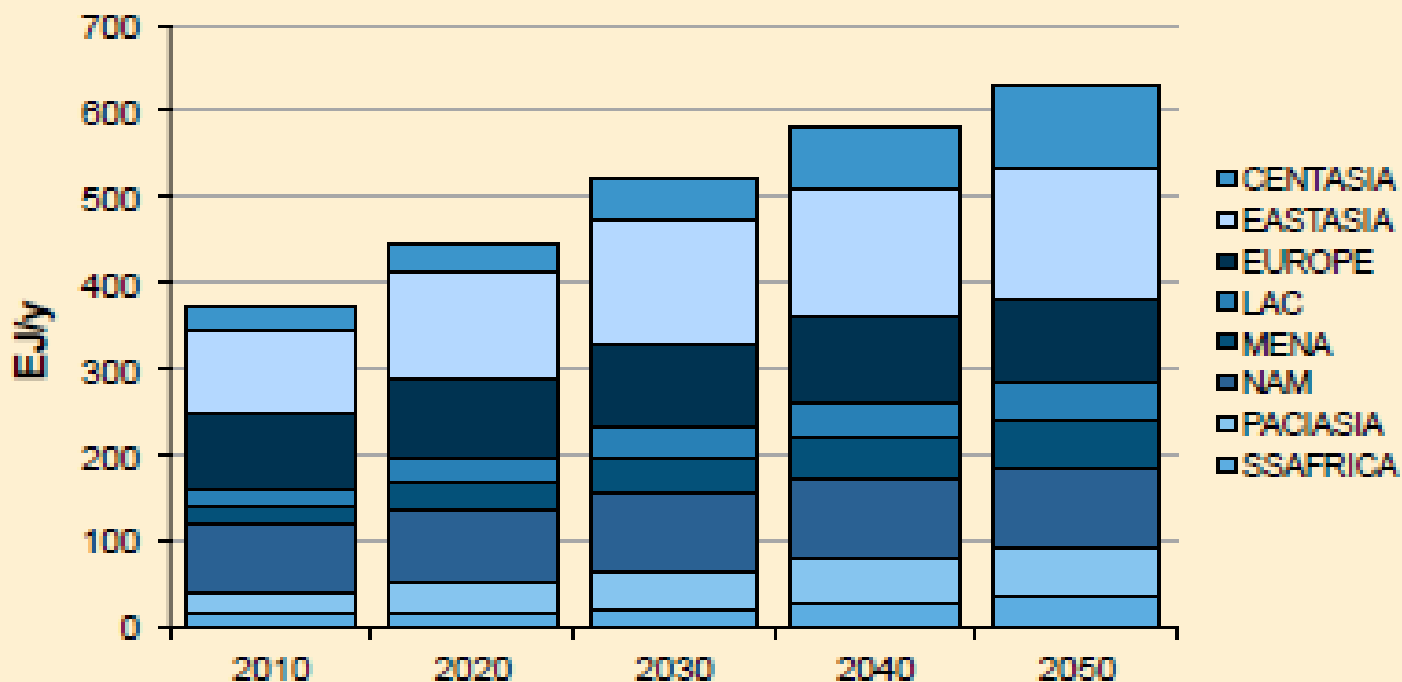


70 % STANOVNIŠTVA U GRADOVIMA



STRUKTURA POTROŠNJE ENERGIJE DANAS – 2050.

Final energy consumption by region

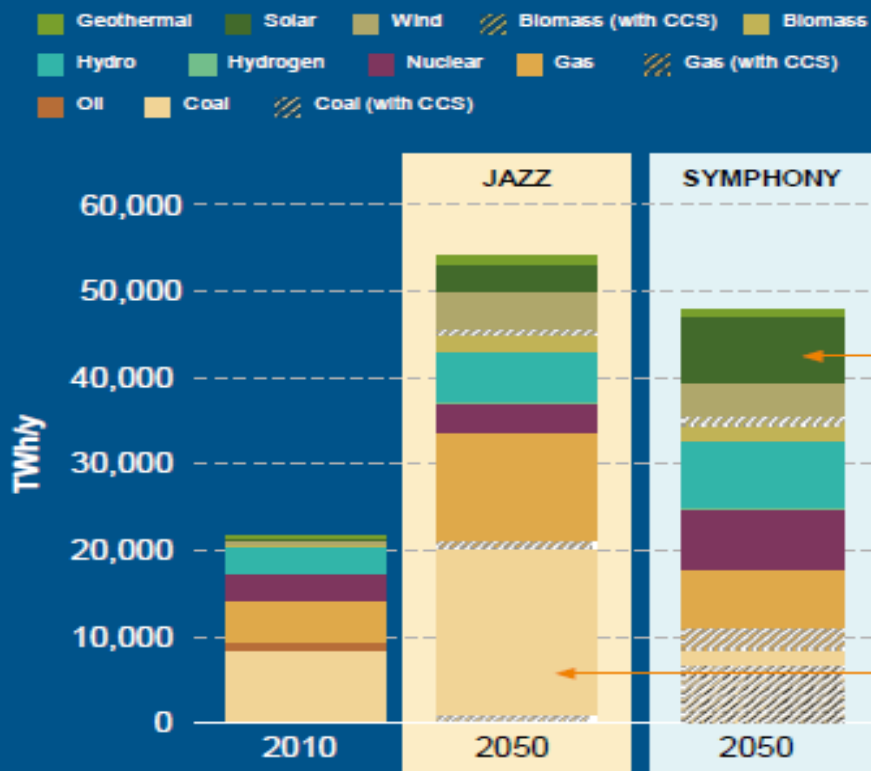


DAN INŽENJERA REPUBLIKE HRVATSKE

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Electricity production by fuel type



Technologies that will have the biggest impact are Solar and CCS.

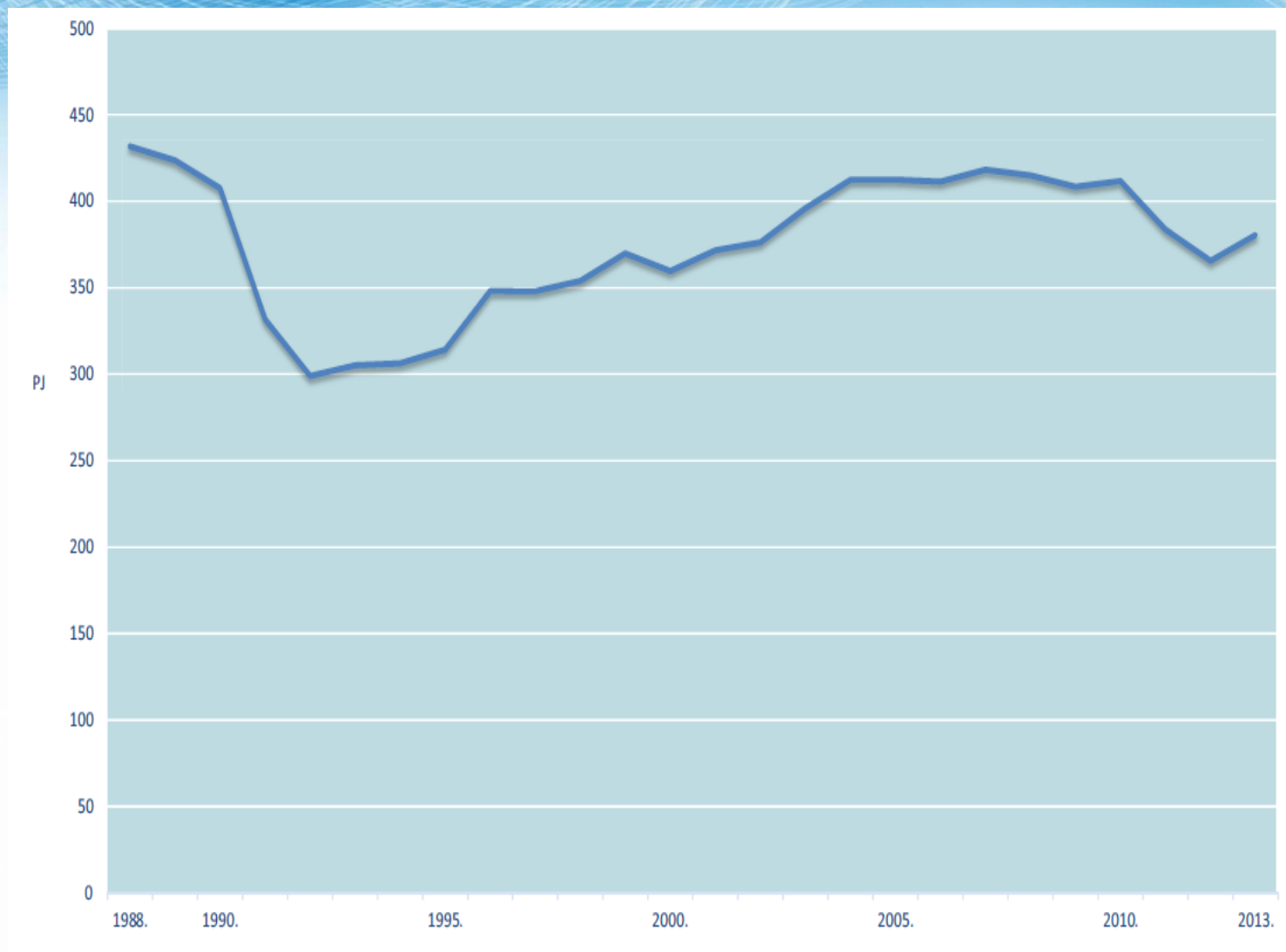
Technologies that will have the biggest impact are highly efficient CCGT plants and coal-fired power plants.

ELEKTRIČNA ENERGIJA – POVLAŠTENA ENERGIJA

	2010	2050	
		Jazz	Symphony
Electrification (in terms of the share of electricity in final energy) (%)	17%	27%	32%

**NAJVAŽNIJA JE RASPOLOŽIVOST ELEKTROENERGETSKIH
SUSTAVA**

UKUPNA POTROŠNJA ENERGIJE U RH

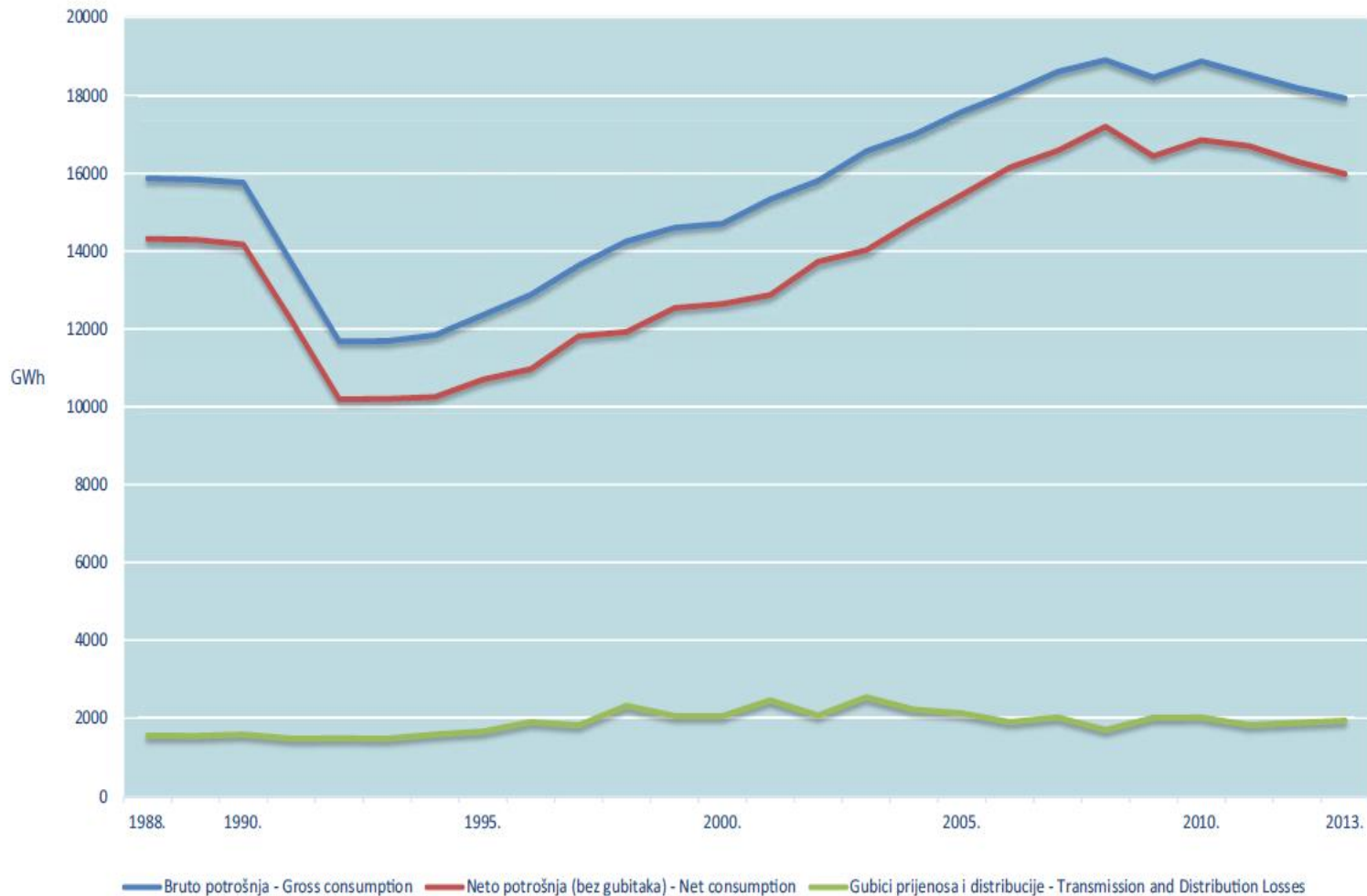


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DAN INŽENJERA REPUBLIKE HRVTSKE
2. ožujka 2015. godine

IZVOR: EIHP

POTROŠNJA ELEKTRIČNE ENERGIJE U RH





DAN INŽENJERA REPUBLIKE HRVTSKE
2. ožujka 2015. godine

KONČAR

Prefix		1000 ^m	10 ⁿ	Decimal	English word		Since ^[n.1]
name	symbol				short scale	long scale	
yotta	Y	1000 ⁸	10²⁴	10000000000 00000000000 000	septillion	quadrillion	1991
zetta	Z	1000 ⁷	10²¹	10000000000 00000000000	sextillion	thousand trillion	1991
exa	E	1000 ⁶	10¹⁸	10000000000 000000000	quintillion	trillion	1975
peta	P	1000 ⁵	10¹⁵	10000000000 00000	quadrillion	thousand billion	1975
tera	T	1000 ⁴	10¹²	10000000000 00	trillion	billion	1960
giga	G	1000 ³	10⁹	1000000000	billion	thousand million	1960
mega	M	1000 ²	10⁶	1000000	million		1960
kilo	k	1000 ¹	10³	1000	thousand		1795

RAST BDP-a

GDP growth, compound annual growth rate (CAGR) % market exchange rate (MER) (%PPP)						
	1990–2000	2000–2010	2010–2020	2020–2030	2030–2040	2040–2050
JAZZ	2.9	2.8	3.2 (3.9)	3.1 (3.8)	2.9 (3.5)	2.6 (3.1)

STRUKTURA POTROŠNJE ENERGIJE DANAS – 2050.

