



Monitoring of Local Supply Chain 2015

Kechagioglou Stayros (RNP)

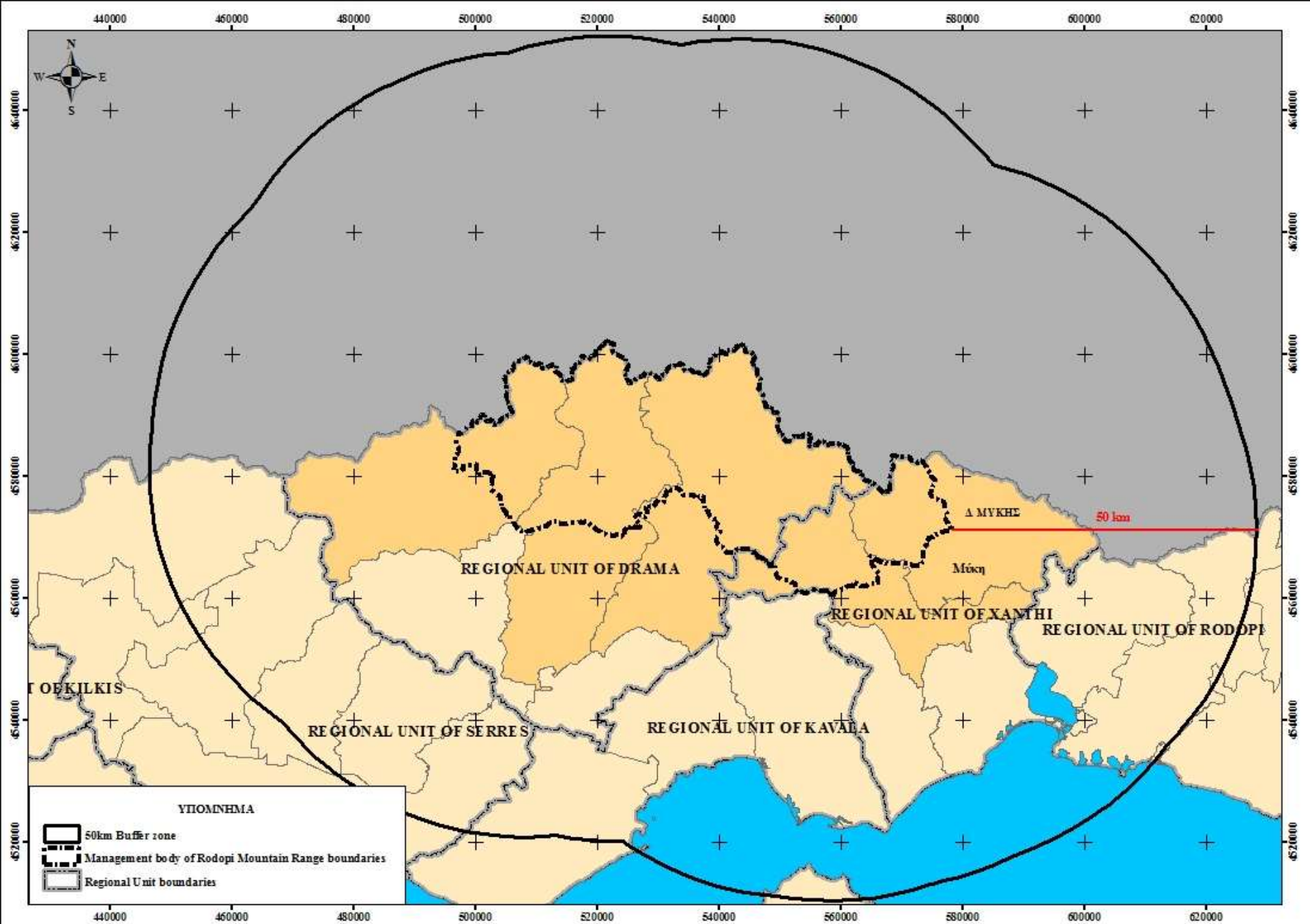
Galatsidas Spyros (DUTH)

Nikolaos Gounaris (DUTH)

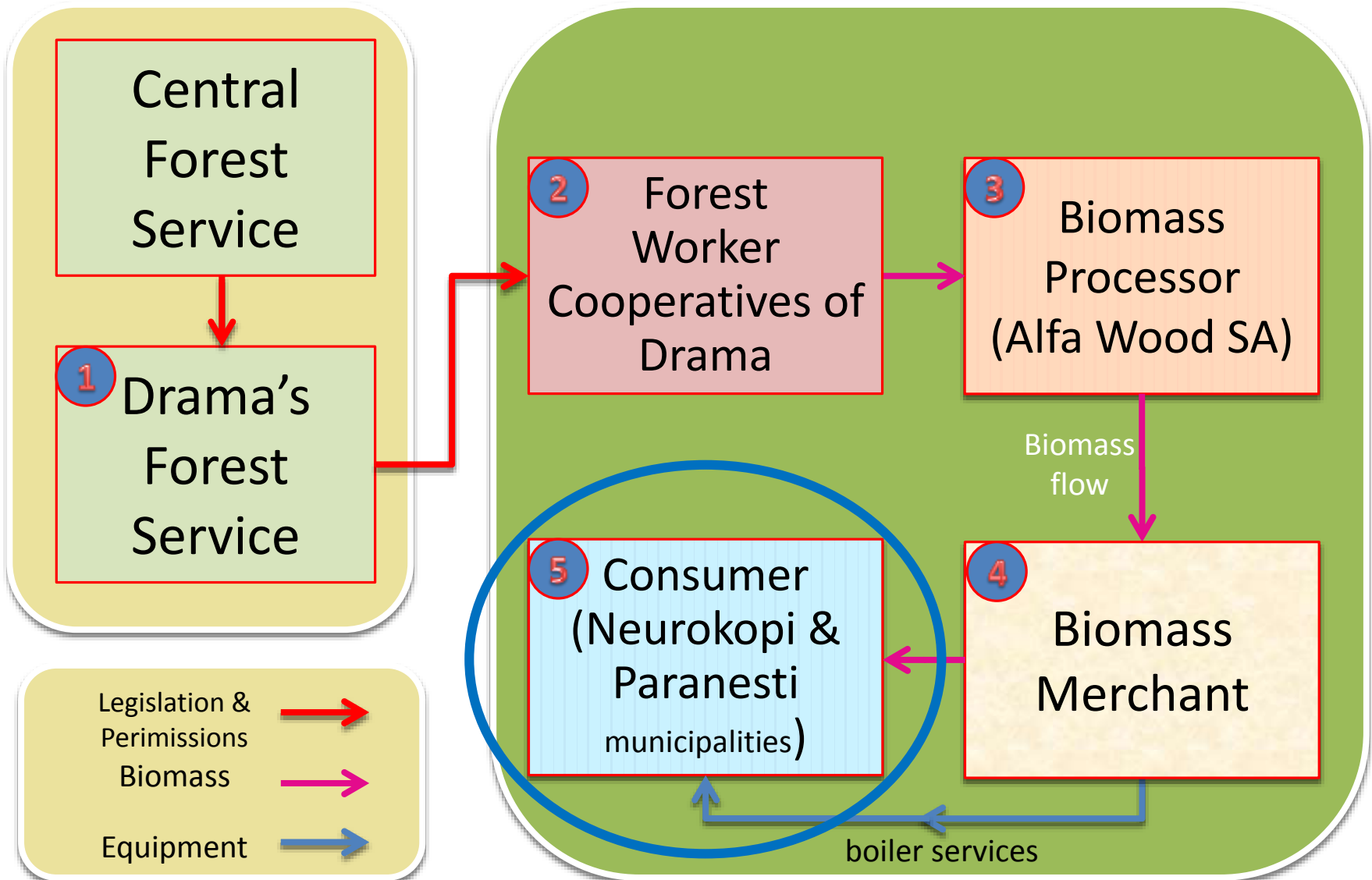
Karachristos Christos (RNP)



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Local Supply Chain (2015)



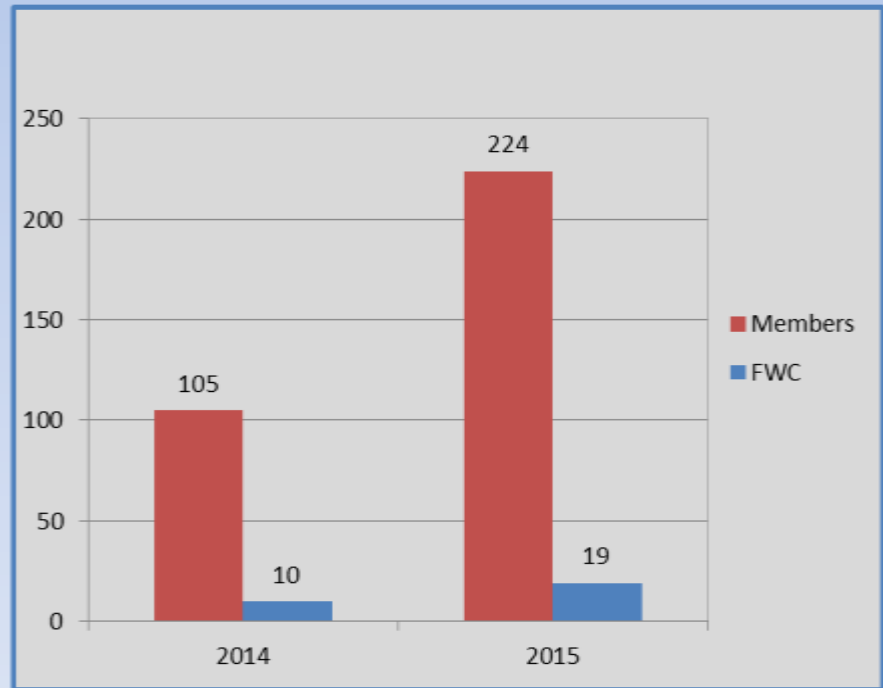
Performance indicator :
New MoUs signed

New MoUs have been signed

- Within 2015 nine (9) new MoUs have been signed by new actors
- All new MoUs signed by FWCs operating in the RNP area
- MoUs have been signed from 32 different actors until today



Photo 1: MoU sign by the President of FWC Skaloti



Performance indicator: New MoUs signed

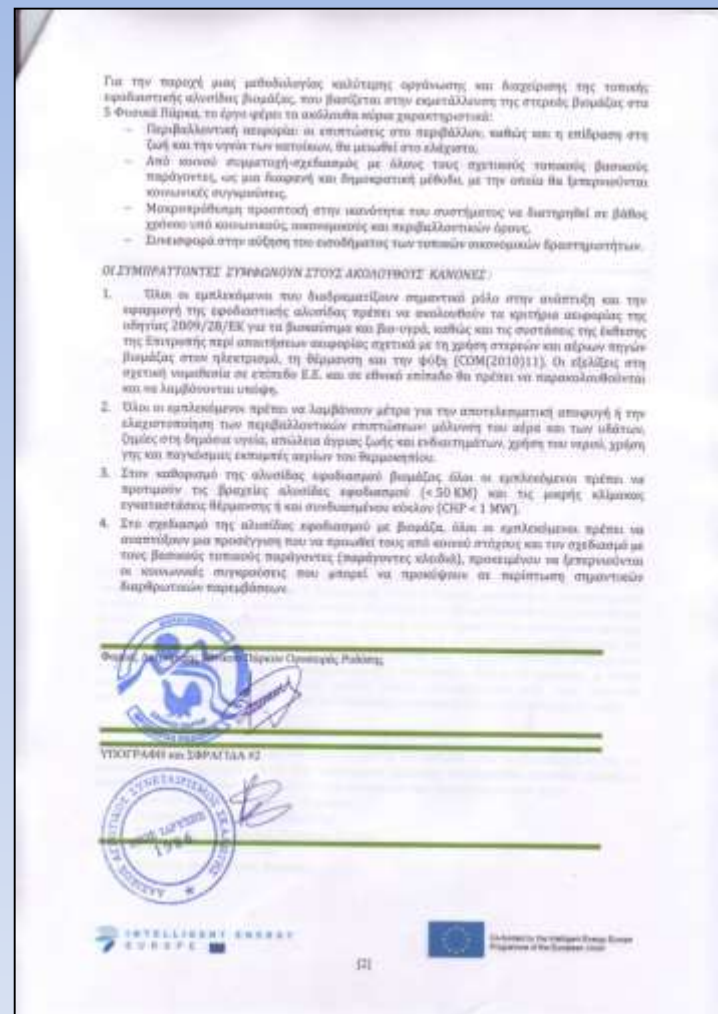
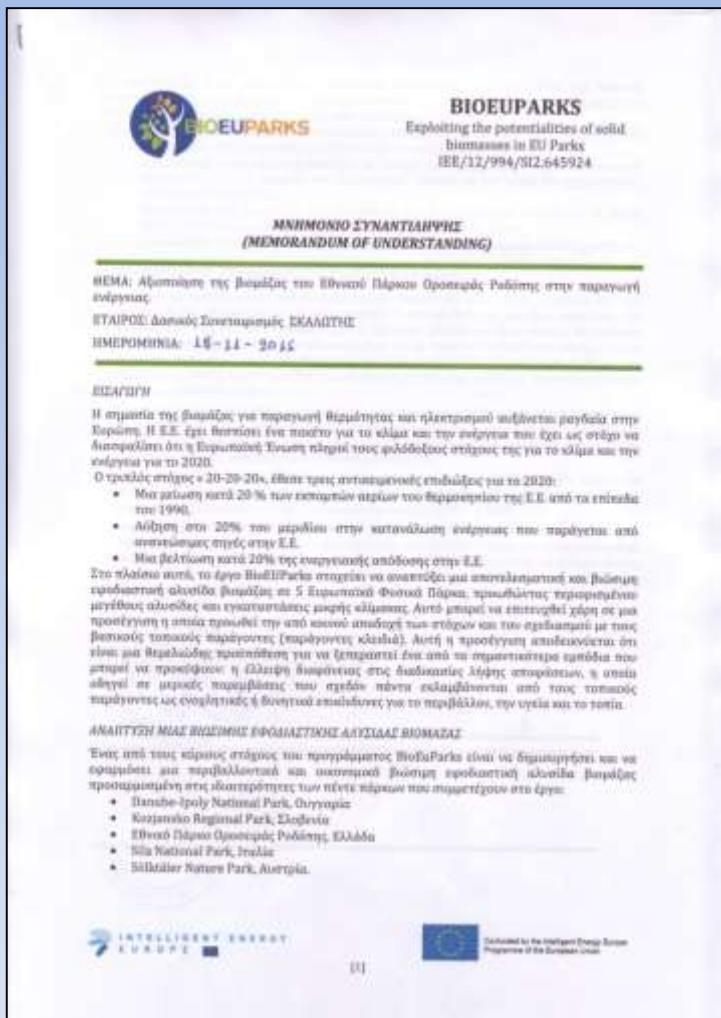


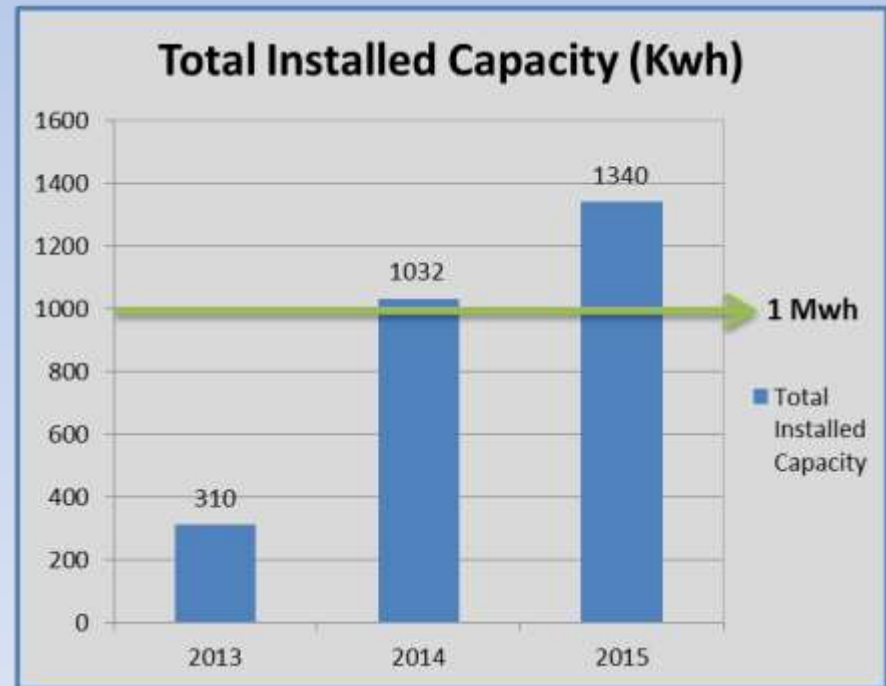
Photo 2 & 3 : The MoU document stamped & signed by the President of FWC Skaloti and the President of the RNP

Performance indicators: New Installations & Total Installed Capacity

New biomass burners have been installed

- During 2015 two (2) new burners have been installed
- The new burners were installed in public buildings inside the RNP area
- The total installed capacity has been raised to 1.34 Mwh or 29,8%

Year	Actors	Pellet Installations	Total installed Capacity (Kwh)
2013	1	3	310
2014	1	6	1,032
2015	2	8	1,340

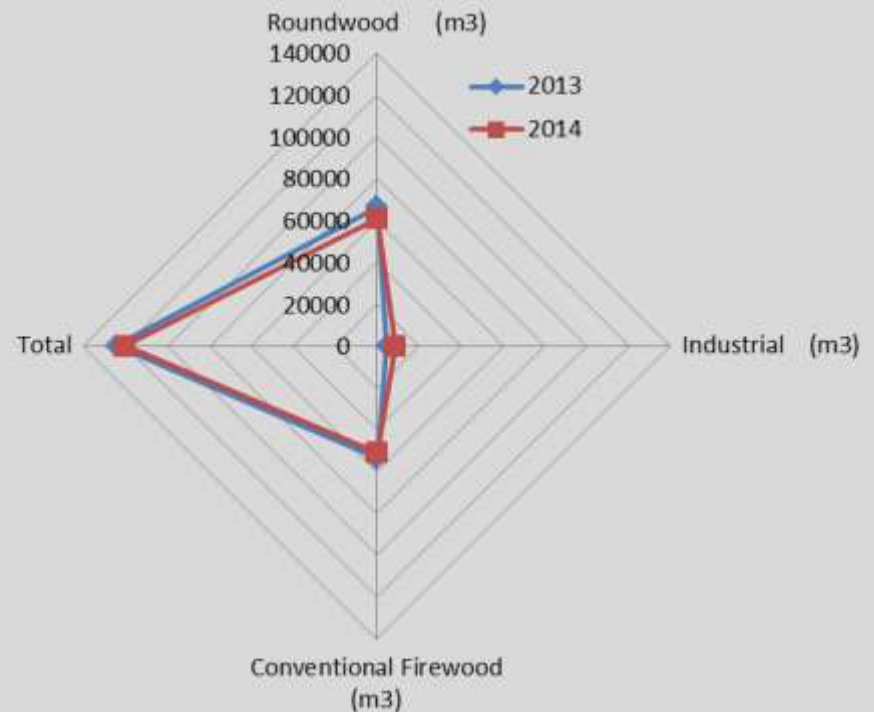


Performance Indicators: Biomass Production 2013-2014

Biomass production for energy purposes has been raised

- In 2014 the production of industrial wood has been almost doubled
- On the contrary, the total production and the production of conventional fire-wood (stove-wood) has been slightly reduced

2013	Roundwood (m ³)	Industrial (m ³)	Conventional Firewood (m ³)	Total
Nevrokopi FS	11983	0	21871	33854
Drama FS	54480	4376	31794	90650
Total	66463	4376	53665	124504
2014	Roundwood (m ³)	Industrial (m ³)	Conventional Firewood (m ³)	Total
Nevrokopi FS	7487	2010	23558	33055
Drama FS	53555	6541	27516	87612
Total	61042	8551	51074	120667
Trends	-8.16%	95.41%	-4.83%	-3.08%



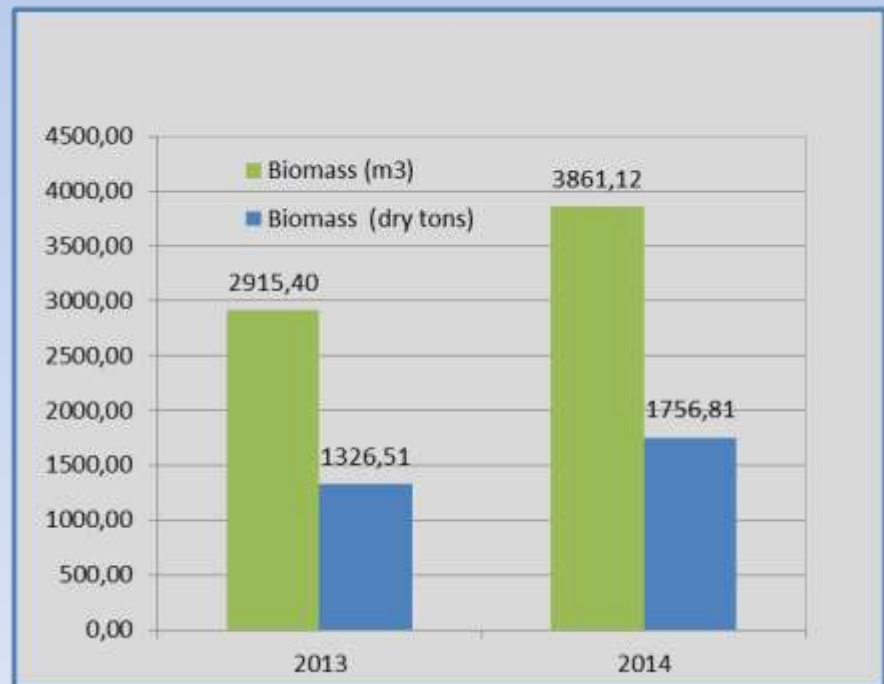
Performance Indicators: Biomass Processed 2013-2014

Biomass processed for energy purposes has been raised

- In 2014 the volume of industrial wood that has been processed raised by 32.45%
- The number of contracts signed between Alfa-wood and FWC from 6 in 2013 raised to 14 in 2014

Year	Biomass (m ³)	Biomass (tons)	Biomass (dry tons)
2013	2915.40	1895.01	1326.51
2014	3861.12	2509.73	1756.81

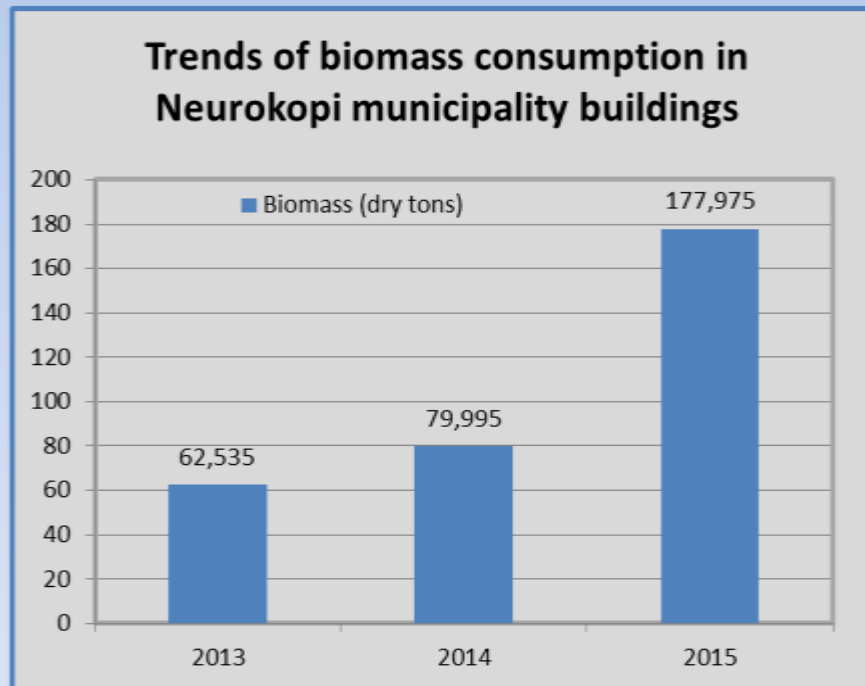
No	Contractor Name	Performed		
		Biomass (metric m ³)	Biomass (m ³)	Biomass (tons)
1	ΓΕΩΡΓΟΓΛΙΔΗΣ ΔΗΜΗΤΡΗΣ ΚΑΙ ΣΙΑ Ε.Ε.	105,24	73,67	47,89
2	ΑΔΣ ΒΩΛΑΚΑ "ΟΜΟΝΟΙΑ"	490,00	343,00	222,95
3	ΑΔΣ ΒΩΛΑΚΑ ΤΟ ΦΑΛΑΚΡΟ	441,29	308,90	200,79
4	ΑΔΣ ΚΟΚΚΙΝΟΓΕΙΩΝ	588,16	411,71	267,61
5	ΑΔΣ ΟΜΟΝΟΙΑ ΤΑΞΙΑΡΧΕΣ	1121,11	784,78	510,11
6	ΑΔΣ ΣΙΔΗΡΟΝΕΡΟΥ	900,71	630,50	409,83
7	ΑΔΣ ΣΚΑΛΩΤΗΣ	366,68	256,68	166,84
8	ΑΔΣ ΔΟΞΑΤΟΥ	193,52	135,46	88,05
9	ΑΔΣ ΚΑΛΛΙΚΑΡΠΟΥ"Η ΕΡΥΘΡΕΛΑΤΗ"	135,02	94,52	61,44
10	ΑΔΣ ΝΕΡΟΦΡΑΚΤΗ	127,10	88,97	57,83
11	ΑΔΣ ΠΛΑΤΑΝΙΑΣ	73,49	51,45	33,44
12	ΑΔΣ ΣΙΔΗΡΟΝΕΡΟΥ "Η ΕΝΟΤΗΤΑ"	686,57	480,60	312,39
13	ΑΔΣ ΣΙΔΗΡΟΝΕΡΟΥ"Η ΟΜΟΝΟΙΑ"	212,02	148,42	96,47
14	ΑΔΣ ΦΩΤΟΛΕΙΒΟΥΣ	74,97	52,48	34,11
Σύνολο		5515,88	3861,12	2509,73



Performance Indicators:
Biomass Consumed 2013-2014

Biomass consumption for energy purposes has been raised

- In 2015 (2014-2015) the consumption of pellets has been raised at a rate of 122%
- In 2016 (2015-2016) the consumption will be also increased, since the 2 new installations in Paranesti municipality will be operational.



Performance Indicators:
CO₂ reduction and energy savings

Biomass production for energy purposes has been raised

- In 2014, the thermal energy produced from biomass has almost doubled compared to 2013
- The primary energy savings raised from 58,43 to 74,82 toe (28,05%)

Indicator	RNP - Rodopi National Park Benchmarking	RNP - Rodopi National Park 2013	RNP - Rodopi National Park 2014	Trends 2013-2014
Biomass Produced (dry tons/year)	0,00	1991,08	3890,71	95,41%
Electrical power Mwh/year	0,00	0,00	0,00	#
Thermal energy Mwh/year	0,00	9731,40	19015,82	95,41%
Renewable Energy production (Mwh/year)	0,00	679,40	869,98	28,05%
Primary energy savings (toe/year)	0,00	58,43	74,82	28,05%
Reduction of GHG (ton CO ₂ /year)	0,00	179,58	229,95	28,05%

LSC at a glance:

Biomass production, processing and consuming trends 2013 -2014



LSC at a glance:
Social acceptance and participating trends 2013 -2014



LSC at a glance:

Installed capacity, energy savings and GHG reduction trends 2013 -2014

