



# Investor Presentation February 2019

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# ELLAKTOR: leading, diversified, regional infrastructure player



Construction

Concessions

Renewables

Real estate

Leading construction player active in Greece and the Balkans The largest concessions holder in Greece (motorways, bridges) Market leader in waste management and waste to energy sectors

Waste

management

2<sup>nd</sup> largest renewable energy company in Greece, listed on ASE

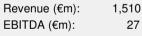
Revenue (€m):

EBITDA (€m):

Developer and operator of Smart Park, a prime shopping center (and other assets). listed

on ASE

Revenue ( $\in$ m): 7 EBITDA ( $\in$ m): (27)





Revenue (€m): 223 EBITDA (€m): 166









50

33



- c.5,000 full time employees with activities in more than 25 countries
- Listed on the ASE with a market capitalization of ~ € 270 m<sup>1</sup>

#### Note:

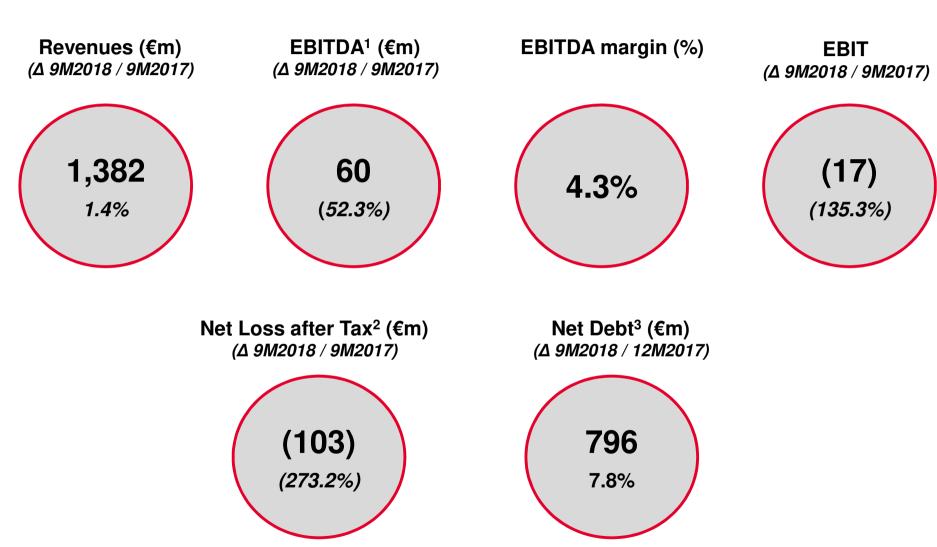
- 1. As of February 21st 2019
- Financials refer to FY2017



# **ELLAKTOR** history

1990s-2000s 2000-2009 2010-2018 1950s-1990s 2018 - forward 2007: Acquisition of 1950s: Establishment of 1999: Led domestic Pantechniki, leading to TEB. ELLINIKI construction sector Industry TECHNODOMIKI and controlling stake in Attiki consolidation (Merger of Odos (59%) consolidation **AKTOR** TEB. Elliniki Technodomiki & Aktor) 1996: Signed first 2003: Entry into concession projects environment segment Diversification (Attiki Odos and Rio-2008: Signed 3 out of 5 of activities Antirrio Bridge) major concession projects awarded in Greece 2012: c. €600m of 2004: First international projects in the Balkans construction contracts in Romania and Kuwait Geographic 2014: €3.2bn Doha metro 2005: Internationalisation diversification project in Qatar of Helector through acquisition of Herhof GmbH 2010-2012: Sale of gold 2018: Sale of Athens Resort Casino (for 13.5 assets ml€) 2014: ELTECH Anemos Focus on core 2018: Acquisition of **IPO** competencies additional 6.5% stake in Attiki Odos July 2018: Newly elected 2015: 1st Waste PPP in Board with priorities: Greece Renewed 2016: Moreas completed • Corporate governance opportunity / in full operation New management 2017-18 :Olympia Odos · Group reorganisation & Maliakos completed ELLAKTOR

# 9M18 results: critical milestone in Group reorganisation



Notes:

1. Includes €141m of one-off losses

2. Before minorities

3. Includes project for Internal Security Forces "ISF" in Qatar, which the Group has exited for a payment



# Group strategy: key focus areas to deliver on our plan

- Management committed to reforms as approved by the shareholders at the 2018 AGM
- Corporate Governance remains a top priority
- 3 Concessions, Renewables and Environment are the main drivers of value creation
- Construction reset to return to profitability
- 5 Future focus will be on further Group structure optimisation, de-risking and profitability



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### **Executive summary**

# Focus on Recurring EBITDA

- Strong 9M2018 performance in Concessions, Renewables and Environment that contributed €163m of EBITDA
  - · Growing traffic volumes in Concessions generating steady cash flow
  - Acquisition of additional 6.5% in Attiki Odos fortifies leading position in Concessions
  - Increased RES capacity translates to higher EBITDA
- · Gradually divesting from non-core activities

# EL.TECH. ANEMOS absorption by ELLAKTOR

- Initiation of process announced on 28 Dec '18
- Proposed Exchange Ratio: 1.27 new ELLAKTOR shares for every EL.TECH. ANEMOS share (8.9% premium to closing price on 28 Dec '18)
- Transaction expected to be completed in 1H 2019

# Reset of Construction Business Unit

- Focus on getting construction back into shape
- Internal review completed Decisive action to manage issues and reset international operations
- · Safeguards in place to mitigate risks and enable profitability
- Target to return to profitability in 2019

# Corporate Governance

- Key C-Level positions filled with competent executives as part of broader reorganization in progress
- Committees in place: Nomination & Remuneration; Audit & Compliance; Strategy & Investment
- Revised Corporate Governance Code and new policies (Related Party Transaction, Whistleblowing) introduced
- Blue chip external CG advisers hired to support the reforms



# New appointments: Strengthening management across Group

Company	Division	Function	Status				
	Finance	Chief Financial Officer (interim)	Appointed / Started	$\checkmark$			
	Operations	Chief Operating Officer	Appointed / Started	$\checkmark$			
	Legal	Chief Legal Officer	Appointed / Started	$\checkmark$			
ELLAKTOR	Communications	Corporate Communications Director	Appointed / Started	$\checkmark$			
	IT	Chief Information Officer	Appointed / Started Jan-19	$\checkmark$			
	HR	Chief HR Officer	Appointed / Started Jan-19	$\checkmark$			
	Risk	Chief Risk Officer	Ongoing				
	Chief Executive	Chief Executive Officer	Appointed / Started	<b>√</b>			
	Operations	Chief Operating Officer	Appointed / Started	$\checkmark$			
AKTOR	Finance	Chief Financial Officer	Appointed / Started	$\checkmark$			
	Legal	Chief Legal Officer	Appointed / Started	$\checkmark$			
	Operations	Commercial Manager	Appointed / Started	$\checkmark$			
Extensive market search for suitable candidates Interviews for other roles on-going							



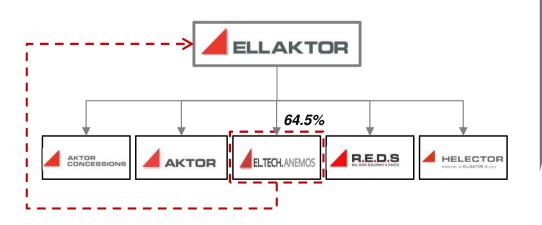
# **EL.TECH. ANEMOS absorption by ELLAKTOR**

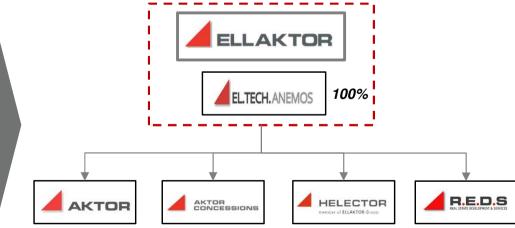
#### Strategic rationale

- ✓ Scale: Broader set of business opportunities and improved financing
- ✓ Enhanced upside for EL.TECH. ANEMOS: New routes to growth for EL.TECH. ANEMOS, beyond its current business plan
- ✓ Simplification of Group structure and capital allocation
- ✓ Synergies: Financial and operational synergies
- ✓ Liquidity: Enhanced cash flows and overall improvement in Group liquidity

**Group Structure: Pre-transaction** 

**Group Structure: Post-transaction** 

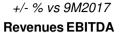






# 9M2018 Business update by segment





€m

(724%)

€m

(1%)

- Review and reset of international operations expected to turn around performance
- Execute on existing backlog, with strong focus on cash flow & profitability
- 9M2018 performance impacted by deep dive issue identification
  - Exited Internal Security Force (ISF) Camp (Qatar), now disclosed as held for sale



**Concessions** 



- Revenue growth driven by increased traffic volumes, particularly Attiki Odos (~+5% traffic)
- Acquisition of additional 6.5% stake in Attiki Odos in November 2018, bringing ELLAKTOR total stake to c.66%

Renegotiated Cyprus contract allowing processing of up to additional 120,000 tonnes p.a.

Profitability impacted by one-off provision for withholding tax receivable (€10m)



**Environment** 



+10%







- +447%
- Resulted in net reversal of €4.2m provision











- 289MW installed capacity

  - **Additional 202MW** underway (to be operational by end 2019)
    - Capacity Factor of 26.9% vs 24.3% in 9M2017 (improved wind conditions)



- **Smart Park:** 
  - Development of the 2<sup>nd</sup> phase (additional 15,000sqm), with funding secured
  - Signed lease agreement for about 50% of the additional area
  - Cambas project successfully navigating the regulatory process

# 9M2018 Consolidated P&L (IFRS – in €m)

€m	9M2017	9M2018	Δ (%)
Revenues	1,362.8	1,381.6	1.4%
EBITDA	125.4	59.8	(52.3%)
Margin (%)	9.2%	4.3%	
EBIT	47.6	(16.8)	(135.3%)
Margin (%)	3.5%	(1.2%)	
Profits / (Loss) from associates	-	(12.5)	n.m.
Profit/ (Loss) before tax	(1.5)	(77.4)	n.m.
Margin (%)	(0.1%)	(5.6%)	
Profit / (Loss) after tax before minorities	(27.5)	(102.8)	(273.2%)
Net Profit / (Loss) after minorities	(46.5)	(125.3)	(169.5%)
EPS <sup>1</sup>	(0.3)	(0.7)	(169.5%)

- **Revenues** increased by 1.4% mainly in Concessions and Renewables
- Group results impacted by the following items:
  - Construction losses of €150m that include:
    - o Provision for ISF (Qatar) exit deal<sup>2</sup> of €18.9m
    - Losses due to Romanian JV partners obligations of €28.9m
    - Associate impairment<sup>2</sup> of €8.9m (PBT level)
    - Losses of €46.6m for projects in Romania due to profitability reassessment and criteria imposed by IFRS 15 "Revenue from contracts with customers"

#### o Concessions

Provision for withholding tax receivable<sup>2</sup> €10m

#### o Environment

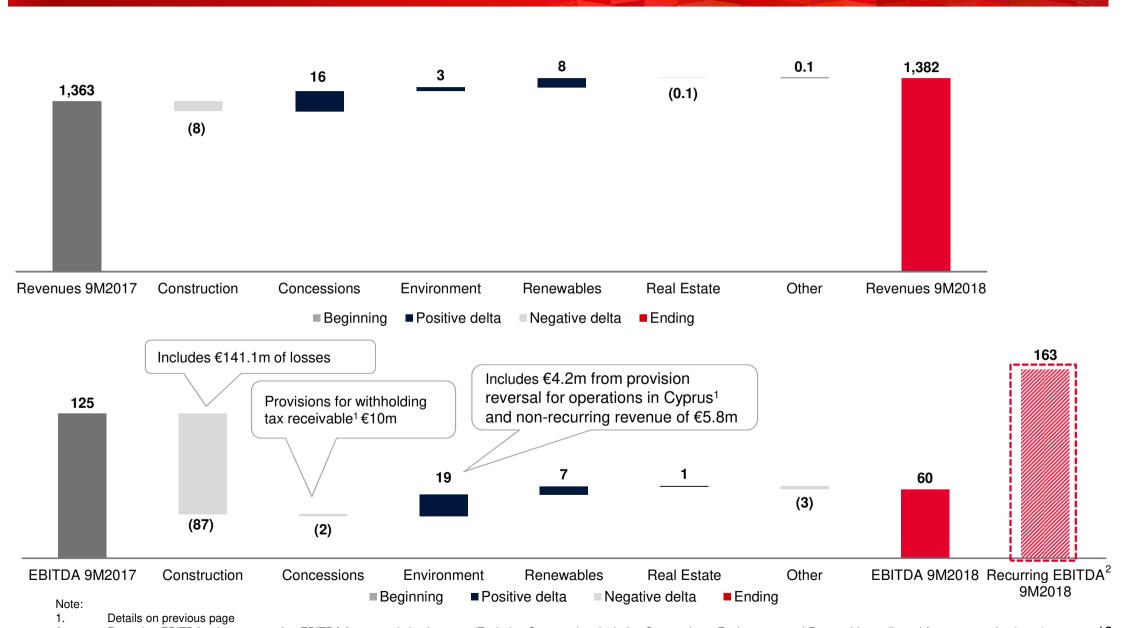
- o Non-recurring revenues<sup>2</sup> of €5.8m
- Profit from net provision reversal<sup>2</sup> of €4.2m

Notes:

- 1. Weighted average number of shares: 172,431,279 (9M2018 and 9M2017)
- Already included in 6M results



# 9M2018 Revenue and EBITDA bridge (€m)



### Consolidated balance sheet as of 30.09.2018

€m	Dec 2017	9M2018	Δ (%)
Intangible Assets	627.3	590.0	(6.0%)
Property, plant and equipment	510.2	513.8	0.7%
Financial Assets at fair value 1	48.9	50.1	2.5%
Financial Assets at amortized cost 1	80.8	80.6	(0.3%)
State financial contribution <sup>1</sup>	277.9	280.7	1.0%
Receivables <sup>1</sup>	1,028.4	989.2	(3.8%)
Assets held for sale <sup>1</sup>	13.5	91.9	583.4%
Other non-current Assets	364.5	346.8	(4.9%)
Other current Assets	42.9	35.4	(17.6%)
Cash (incl. restricted cash)	556.5	446.1	(19.8%)
Total Assets	3,550.8	3,424.5	(3.6%)
Total Debt	1,386.6	1,300.6	(6.2%)
Liabilities related to assets held for sale	-	123.2	n.m.
Other short-term Liabilities	897.3	872.4	(2.8%)
Other long-term Liabilities	406.7	401.4	(1.3%)
Total Liabilities	2,690.6	2,697.7	0.3%
Shareholders Equity	860.2	726.8	(15.5%)
Shareholders Equity (ex. minorities)	634.7	505.5	(20.4%)

- Financial assets at fair value (previously disclosed available for sale) reached €50.1m from €48.9m
- Financial assets at amortised cost (previously disclosed as held to maturity) remained stable (€80.6m)
- State financial contribution refers to the operating subsidy for Moreas (€240.0m) against Moreas debt repayments and availability payments for EPADYM (waste PPP of €40m)
- Total receivables (short-term and long-term) decreased to €989.2m vs €1,028.4m mainly due to reclassification of ISF project
- Assets held for sale and Liabilities related to assets held for sale relate to the reclassification of ISF project post exit deal

Note:

Includes both current and non-current assets



### 9M2018 Consolidated cash flows

€m	9M2017	9M2018	Δ (%)
CFs from Operating Activities	28.5	(1.7)	(106.0%)
CFs from Investment Activities	(37.1)	(43.6)	(17.4%)
CFs from Financing Activities	(48.1)	(87.1)	(81.2%)
Change in cash & cash equivalent	(56.8)	(132.4)	(133.4%)
Cash equivalents at start of period	496.4	510.1	2.8%
Currency translation differences	(2.6)	0.2	106.1%
Cash of Assets available for sale	-	(4.2)	n.m.
Cash equivalents at end of period <sup>1</sup>	437.1	373.6	(14.5%)

- **Investment cash outflows** amounted to 43.6m (vs outflows of €37.1 m in 9M2017) and include:

  - o Capex of c. €39m
    - Construction c. €4m
    - Concessions c. €2m
    - Environment c. €2m
    - Renewables c. €29m
    - Real Estate c. €1m
- Cash outflows from financing activities amounted to €87.1m and include:
  - Mainly repayment of loans
  - Outflow of €25.1m from dividend distribution to minority shareholders, mainly Attiki Odos (c.€21.9m)

Note:

1. Does not Include restricted cash, bonds held to maturity, mutual funds and time deposits over 3 months



# Net debt by sector as of 30.09.2018

30/9/2018 (€m)	Construction	Concessions Recourse	Environment	Renewables	Real Estate	Other	Total Corporate (ex. BOT)	Attiki Odos	Moreas <sup>2</sup>	Total BOT Non- Recourse	Total Group
Short-term Debt	91.9	1.1	3.4	28.5	3.7	1.0	129.6	23.4	18.4	41.9	171.5
Long-term Debt	39.8	188.1	13.8	179.5	22.4	202.6	646.3	25.8	457.1	482.9	1,129.1
Total Debt	131.7	189.2	17.2	208.0	26.0	203.6	775.9	49.2	475.5	524.7	1,300.6
Cash	98.4	34.7	41.3	3.9	1.0	1.5	180.9	174.3	18.4	192.7	373.6
Time deposits over 3 months	-	2.0	-	-	-	-	2.0	25.0	-	25.0	27.0
Restricted Cash	10.2	1.2	1.2	18.1	6.6	0.1	37.5	14.2	20.9	35.1	72.5
Bonds held to maturity	-	11.5	-	-	-	-	11.5	69.0	-	69.0	80.6
Mutual Funds	-	4.9	1.9	-	-	-	6.8	-	-	-	6.8
Total Cash + Liquid Assets	108.6	54.4	44.4	22.0	7.6	1.7	238.7	282.6	39.3	321.8	560.5
Net debt attributable to Assets held for sale (ISF)	55.7	-	-	-	-	-	55.7	-	-	-	55.7
Total net Debt / (Cash) 1	78.8	134.8	(27.2)	186.1	18.4	202.0	592.9	(233.3)	436.2	202.9	795.8
31/12/2017 (€m)	Construction	Concessions Recourse	Environment	Renewables	Real Estate	Other	Total Corporate (ex. BOT)	Attiki Odos	Moreas	Total BOT Non- Recourse	Total Group
Short-term Debt	137.5	0.8	2.7	20.3	9.6	1.0	171.9	26.5	12.7	39.1	211.0
Long-term Debt	58.6	192.3	15.3	169.1	19.4	215.0	669.6	37.5	468.5	506.0	1,175.6
Total Debt	196.1	193.0	18.0	189.4	29.0	216.0	841.5	64.0	481.1	545.1	1,386.6
Cash	187.6	49.6	28.0	2.2	3.5	0.9	271.8	194.4	44.0	238.3	510.1
Restricted Cash	12.0	-	-	13.5	6.8	0.1	32.5	13.9	-	13.9	46.3
Bonds held to maturity	-	11.5	-	-	-	-	11.5	69.2	-	69.2	80.8
Mutual Funds	-	4.9	4.6	1.5	-	-	11.1	-	-	-	11.1

#### Corporate Net Debt increased to €593m mostly due to reduced cash at Construction

17.2

172.2

10.3

18.6

1.0

214.9

277.5

(213.5)

44.0

437.1

326.8

514.7

321.5

223.6

32.6

(14.5)

#### Notes:

1. As of 30/09/2018 includes Net Debt of €55.7m of ISF Camp in Qatar (currently reported under assets held for sale)

66.1

127.0

2. € 240m of State Financial Contribution for Moreas will support future Moreas debt repayments

199.6

(3.5)



Total Cash + Liquid Assets

Total net Debt / (Cash) 1

648.3

738.3

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# Segmental analysis of 9M2018 vs 9M2017 results (€m)

	<b>ELLAKTOR</b> Group	Construction	Concessions	Environment	Renewables	Real Estate	Other	
Revenues 9M2018 / 9M2017	<b>1,382</b> / 1,363 <i>1%</i>	<b>1,091</b> / 1,098 <i>(1%)</i>	<b>180</b> / 164 +10%	<b>63</b> / 60 +5%	<b>43</b> / 35 +21%	<b>5</b> / 5 (2%)	<b>0</b> / 0 n.m.	
EBITDA 9M2018 / 9M2017	<b>60</b> / 125 <i>(52%)</i>	<b>(99)</b> / (12) <i>(724%)</i>	<b>107</b> / 109 <i>(2%)</i>	<b>23</b> / 4 +447%	<b>33</b> / 26 +27%	<b>2</b> / 1 +72%	<b>(5)</b> / (2) (120%)	
EBIT 9M2018 / 9M2017	<b>(17)</b> / 48 <i>(135%)</i>	<b>(114)</b> / (30) <i>(283%)</i>	<b>61</b> / 62 (3%)	<b>18</b> / 0 n.m.	<b>23</b> / 18 +30%	<b>1</b> / 0 679%	<b>(5)</b> / (3) (95%)	
Profit / (Loss) after tax <sup>1</sup> 9M2018 / 9M2017	(103) / (28) (273%)	<b>(132)</b> / (46) <i>(184%)</i>	<b>24</b> / 29 (18%)	<b>14</b> / (2) +964%	<b>11</b> / 8 +37%	<b>(1)</b> / (2) +46%	(18) / (15) (23%)	

Note:

Before minorities

# Construction highlights – Getting back into shape



Acropolis Museum, Athens, Greece

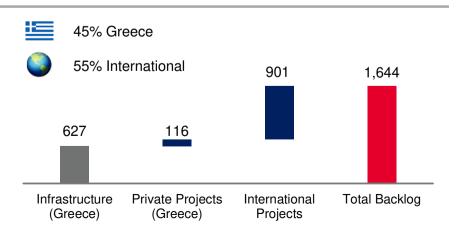
#### **Key facts**

- Present in Greece and across other 24 countries
- Activities: Infrastructure, Building Projects, Industrial, Waste Water Treatment, Solar Power Construction, Mining, Quarrying, Facility and Project Management
- Construction backlog at €1.6bn as of 30/9/2018, with an additional €166m underway (€56m has already been signed after 30/9/2018)

#### **Market Update**

- AKTOR retains its position as the undisputed market leader with c.41% market share
- Significant growth opportunities in international markets where AKTOR is well established and has delivered sophisticated projects
- AKTOR's operational focus continues to be on Thessaloniki Metro, TAP pipeline, Doha Metro Gold Line, Faliron Bay regeneration, and Balkan road axes

#### **Backlog Analysis by sector (€m)**





# **Construction Backlog: Selective projects**

	Key current Greek Projects	Participation (%)	Amount (€ml)
	Thessaloniki's Metro-Main Line	100%	154
	Thessaloniki's Metro-Extension to Kalamaria	100%	128
ts	Infrastructure works of Faliron Bay	100%	36
ojec	ERGOSE: Railway Line Tithorea-Domokos	33.33%	22
Pro	Egnatia Odos: Section Melivoia-Greek-Bulgarian borders	100%	17
Infrastructure Projects	Egnatia Odos: Opeartion and Maintenance of east axis	100%	17
struc	Egnatia Odos: Opeartion and Maintenance of west axis	100%	16
ıfra	Construction of Asopos Dam	100%	14
=	Igoumentitsa's Port	100%	14
	EYDAP : Psittaleia STP: Operation and Maintenance	70%	11
	Dionysos Wastewater Drainage Treatment	100%	10

KOS AE Redevelopment of Hotel	100%	32
Construction of main terminal building south wing expansion	100%	17
Extension of The National Gallery & Alexandros Soutsos Museum	100%	15
ASTIR Palace Vouliagmeni, Redevelopment of Complex of Hotels	100%	9
Foundation of buildings & Tandem machinery at Elvalhalcor factory in Oinofyta Voiotias	100%	9
Boeing Maintenance Hangars	100%	6
Fokas AE New Hotel in Kefalonia	100%	5
Completion of a cultural congress center in Heraklion	100%	5
Chalkida General Hospital	75%	4
Heraklion Hospital	100%	4
S115 Hotel, Renovation	100%	2
	10076	

	Key current International Projects	Participation (%)	Amount (€ml)
	Rehabilitation of the Sub-section 2C: Y END ILTEU - GURASADA and Section 3: GURASADA-SIMERIA (RO)	49%	154
	Design & Build of Highway Sebes Turda , LOT 2 (RO)	100%	59
Ф	Highway E80, LOT2 Bancarevo, Crvena Reca (SR)	100%	37
Europe	Design and Construction of Wastewater Treatment Plant Kruševac (SR)	100%	12
	Road I/57 Krnov – NE Bypass (CZK)	33.34%	11
	Highway E80, LOT2 Road& Bridges at Stanicenje (SR)	100%	8
	Assemini Solar Plant (IT)	100%	8
	Moerdijk Solar Plant (NL)	100%	4

	Design and Build of the Expansion of 'El Salitre' Waste Water Treatment (Colombia)	40%	108
ies	Nevertire Solar Farm (Australia)	100%	89
ountr	Facilities Management of Doha Metro and Lusail Tram (Qatar)	50%	84
Z.	Kiamal Solar Farm (Australia)	55%	81
Othe	Tuzla Advanced Biological Wastewater Treatment Plant 3 (Turkey)	100%	54
8 L	Gold Line Underground in Doha (Qatar)	32%	44
Gulf Region & Other countries	Facility Management Services at New Doha International Airport (NDIA) (Qatar)	100%	38
Gulf	Middlemount Solar Farm (Australia)	100%	28
	Dracena Solar Farm (Brazil)	100%	22
	Guimarania Solar Farm (Brazil)	100%	14

# **Breadth of construction experience**

#### Breadth of experience and expertise spanning a wide range of segments and end markets provide the credentials to bid for a wide variety of projects

Building **Projects** 

Building projects (commercial, residential as well as industrial)

Airport buildings Specialised sports facilities.

Heritage projects involving refurbishment. renovation and even relocation of entire buildings

Parking facilities Electro-mechanical projects

Landscaping



Athens



Athens International Airport

Bridges



Athens Olympic **Sport Complex** 



Cultural Centre, Lazaristes Monastery, Thessaloniki



Parking at 424 Military Hospital, Thessaloniki



Cargo Facility, New Doha International Airport

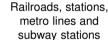


**Quarry Rehabilitation** Petroupoli, Athens

Infrastructure **Projects** 

Road projects, highways and motorwavs. including toll gate









Tunnellina engineering works

Hydraulic systems projects

Liquid and solid waste disposal projects

Dams, ports and marinas construction projects



Attiki Odos



**Egnatia Motorway** Arachthos- Peristeri **Bridges** 



ATHENS METRO LINE 2 Extension



Hellenic Railways Organization Projects Kakia Skala Section



Egnatia Motorway, Metsovo, Panagia



Construction of Drainage Pipe, Athens Ring Road

Flectro-mechanical

Installations for

Buildings and

Sports Facilities



**Wastewater Treatment** Plant, Attica, Greece



Port Construction Atherinolakkos, Crete

Industrial **Projects** 

**Fuel Pipeline** Installation

Mechanical Erection Works.

Hellenic Petroleum, Greece

Terminals and Networks

Natural Gas



Loading Terminals, Hellenic Refineries, Greece.



Automation and

Maintenance of E/M Installations, Athens Ring Road





Tunnels Control Room Athens Ring Road





E/M Installations Hellenic Petroleum, Greece Athens METRO Line

Flectro-mechanical Installations for Tunnels - Roads -**METRO** 



Electromechanical Installations of Kakia Skala Tunnels

**District Heating** Networks



District Heating Transfer Pipes, Greece



# Measures to strengthen construction

#### Target is to return to profitability in 2019 and focus on profitability over backlog

#### **Deep Dive**

AKTOR deep dive review supported by specialist advisor

# Liquidity & Profitability Review

- · Finalization of monthly cash flow reporting tool per country and construction site
- Introduction of monthly P&L forecasting tools across 150 construction sites (in progress)
- Successfully secured sufficient funding for Construction projects

#### **Project Review**

• Revaluation of all projects (stop losses) resulted in project withdrawals (e.g. ISF Camp)

# International Operations

• Turnaround in focus: on-site visits by top management

#### Management

New AKTOR COO to work closely with regional directors & managers, CLO and CFO

# Reinforcing Human Capital

- Workforce optimization initiatives starting with HQ
- Established working group to standardize and implement monitoring of performance and results in all sites

#### **Tendering guidelines**

Safeguards in tendering and implementation of projects



# Concessions highlights – Fortifying leading position



Attiki Odos, Athens, Greece

#### **Key facts**

- AKTOR CONCESSIONS is a 100.0% subsidiary of ELLAKTOR
- Market leader in Greece since pioneering the first PPP / concession contracts in 1990s and the largest concession holder in Greece
- Covering the entire range of concession activities: finance, design, construction, maintenance and operation
- Also participates in concessions of 5,639 car parking spaces and in the operation of another 2,195 spaces

#### **Market Update**

- Increased stake in Attiki Odos by acquiring an additional 6.5%, bringing group total participation to c.65%
- Strong volumes in traffic on the back of improving macro
- Estimated that private capital will contribute through new concessions and PPPs, especially due to the limited available financial resources of the Greek State
- Significant investment opportunities appear to exist in the secondary market of existing motorway concession projects
- The Group intends to consider a possible stake increase and new entry into operating concessions

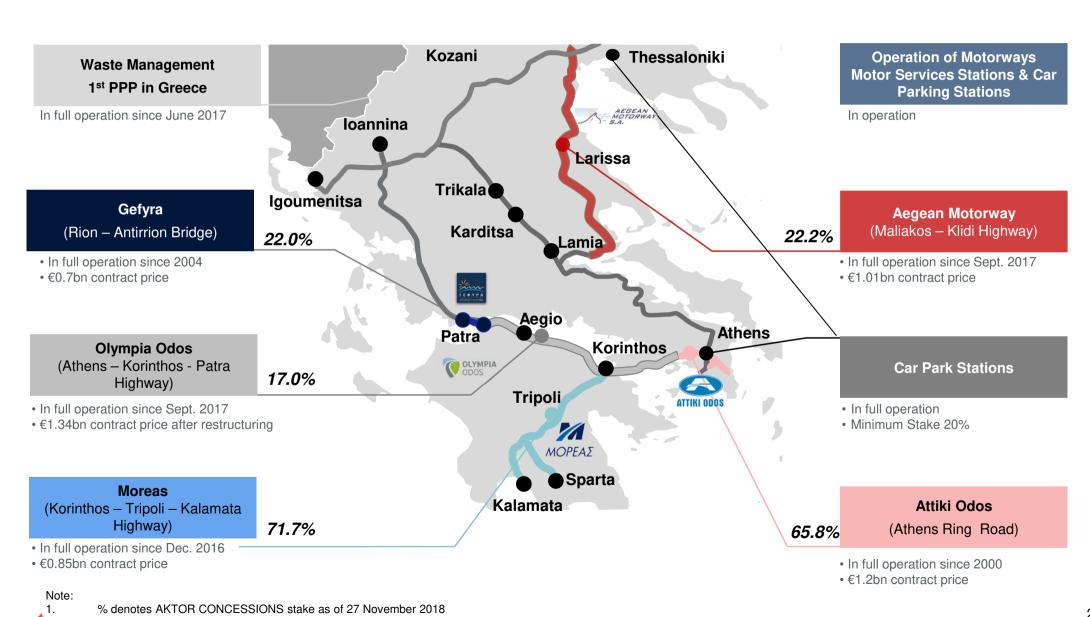
#### **Project Update**

- AKTOR CONCESSIONS project focus:
  - Egnatia Motorway and the three vertical road axes
  - Alimos Marina
  - Permanent Submarine Link of Salamis Island
  - Northern Road Axis of Crete
- Other future targeted concession projects:
  - Extension of Attiki Odos and other concessions
     projects (Moreas and Olympia Odos)
  - Waste management PPP projects



# **Concessions – Key contracts in Greece**

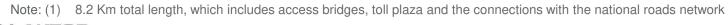
**ELLAKTOR** 



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# **Mature Motorways Concessions**

	ATTIKI ODOS	G E F Y R A	ΜΟΡΕΑΣ	AEGEAN MOTORWAY 5.A.	OLYMPIA ODOS
Туре	Toll ring road in Athens	Toll bridge	Motorway Korinthos-Tripoli-Kalamata	Motorway Maliakos - Kleidi	Motorway Elefsina-Korinthos-Patra
Stake (%)	65.8%	22.0%	71.7%	22.2%	17.0%
Other Shareholders	34.2% J&P-Avax	57.5% Vinci 12.1% J&P-Avax 8.4% Athena	15.0% J&P-Avax 13.3% Intracom	38.9% Hochtief 15.3% Vinci 23.6% J&P-Avax	29.9% Vinci 19.1% J&P-Avax 17.0% Hochtief 17.0% Gek Terna
Length	65.2 Km	2.3 Km <sup>(1)</sup>	250 Km	230 Km	201 Km
Start of operation	Mar 2001	Aug 2004	Mar 2008 / Dec 2016	Mar 2008 / Apr 2017	Aug 2008 / Apr 2017
End of concession	Sep 2024	Dec 2039	Mar 2038	Mar 2038	Aug 2038
Investment	€1,310 ml	€ 839 ml	€1.0 bn	€1.6 bn	€2.1 bn
Avg daily traffic ('17)	216,914 vehicles	10,196 vehicles	47,430 vehicles	60,451 vehicles	112,011 vehicles
Toll Revenues ('17)	€176.87 ml	€39.52 ml	€32.11 ml	€64.22 ml	€80.17 ml
First Net Profit Year	2012	2004			
Operator (Aktor Concessions stake %)	ATTIKES DIADROMES: 52.6%	GEFYRA LEITOURGIA: 23.1%	Concessionaire	Concessionaire	Concessionaire



# **Environment highlights – Strong macro tailwinds**



Mechanical Biological Treatment plant, Sofia, Bulgaria

#### **Key facts**

- ELLAKTOR ownership: 94.4%
- Greek leader in Waste Management and Waste-to-Energy sectors
- Extensive know-how in designing, developing, operating and maintaining integrated waste management facilities, landfills, incinerators and sorting plants
- International track record:
  - Bulgaria (largest biological treatment plant in Europe 410 Kt/a), Croatia, Germany, Cyprus, Jordan

#### **Market Update**

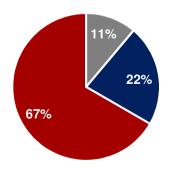
#### Greece

- Significant prospects due to EU requirements in terms of waste management
- So far Greece has been charged with significant fines for maintaining illegal landfills
- Treatment of more than 4m tons of Municipal Solid Waste requires investments exceeding €2bn
- Imperative that modern methods are adopted which will contribute to the development of the segment in the domestic market

#### International

 Significant prospects also exist in foreign countries in which the company has presence: Germany, CEE as well as Middle East

#### 9M2018 Revenue breakdown

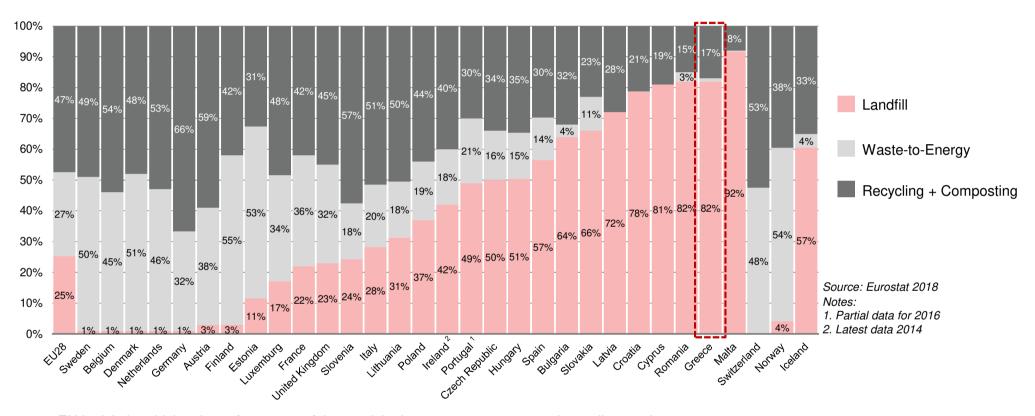


■ Construction ■ Renewables ■ Waste Management Services



# **Environment – Market prospects and drivers**

#### Municipal waste treatment in 2016 (EU 28 + Switzerland, Norway and Iceland)



- EU legislation driving the enforcement of the municipal waste management and recycling market
- Growing demand for energy drives waste management companies to focus on Waste-to-Energy ("WTE") practices
- · The impact of increasing landfill taxes and economic growth triggers interest in recycling and WTE techniques
- Promising potential in Greece to move towards waste treatment (vs. landfill disposal) and power generation from biogas
- Significant projects in pipeline undertaken in order to capture the demand



# **Key Credentials in Waste Management**

#### **Project type**



Landfill & Leachate Treatment plants Construction & Management



Mechanical Biological Plants

Clinical Waste Mgt Plants



Recycling Plants



Waste to Energy Plants

**ELLAKTOR** 

Description	Location	Country	Capacity	Ownership	Туре	Comments
		,		·		
Landfill Construction & Restoration	Ano Liossia, Attica	Greece	2,000 kt/y	n/a	Construction	Project Completed
Construction of Landfill	Fyli, Attica	Greece	2,500 kt/y	n/a	Construction	On going
Construction of Landfill	Tagarades, Salonica	Greece	720 kt/y	n/a	Construction	Project Completed
Construction of Landfill	Mavrorachi, Salonica	Greece	540 kt/y	n/a	Construction	Project Completed
Construction of Landfill	Livadia	Greece	50 kt/y	n/a	Construction	Project Completed
Construction of Landfill	Thiva	Greece	70 kt/y	n/a	Construction	Project Completed
Construction of Landfill	Limnos	Greece	40 kt/y	n/a	Construction	Project Completed
Management of Landfill	Pafos	Cyprus	70 kt/y	100%	Construction & Operation	Project Completed
Management of Landfill	Larnaka	Cyprus	50 kt/y	100%	Construction & Operation	On going
Management of leachate treatment plant	Fyli & A. Liossia	Greece	750 m³/day	100%	Construction & Operation	On going
Management of leachate treatment plant	Pafos	Cyprus	230 m³/day	100%	Construction & Operation	Project Completed
Herhof Recycling Osnabrueck	Osnabrueck	Germany	105 kt/y	100%	Concession (17y)	In operation since 2007
Berlin MBT	Berlin	Germany	180 kt/y	n/a	Construction (Turnkey)	Project Completed
Trier MBT	Trier	Germany	180 kt/y	n/a	Construction (Turnkey)	Project Completed
Larnaka MBT	Larnaka	Cyprus	220 kt/y	100%	Concession (10y)	In operation since 2010
A. Liossia Recycling & Compost Plant	Attica	Greece	300 kt/y	70%	Operation	Under Service Contract
Anaerobic Digestion Plants	Schloßvippach, Kessel, Ulzen, Dorpen, Heppenheim	Germany	Total 120 kt/y	n/a	Construction	Projects Completed
Sofia MBT	Sofia	Bulgaria	410 kt/y	n/a	Construction & 1y operation	Project Completed
Croatia MBT Plants	Mariscina & Kastijun	Croatia	Total 190 kt/y	n/a	Construction	Projects Completed
Western Macedonia MBT	Kozani	Greece	120 kt/y	50%	РРР	25y operation – Helector Constru Contractor & Operator (1009)
Apotefrotiras (Hospital Waste Incinarator)	Ano Liossia, Attica	Greece	12 kt/y	70%	Construction & Operation	Under recurring service contra
Fyli Recycling Plant	Fyli, Attica	Greece	100 kt/y	n/a	Construction	Private Investment
Koropi Recycling Plant	Koropi, Attica	Greece	75 kt/y	n/a	Construction	Private Investment
BEAL : Landfill biogas-fired plant (a)	Ano Liossia, Attica	Greece	23.5 MW	50% (b)	PFI	20-year PPA since 2004
Tagarades: Landfill biogas-fired plant	Tagarades, Salonica	Greece	5.0 MW	100%	PFI	20-year PPA since 2007
Jordan : Landfill biogas-fired plant	Amman	Jordan	Up to 6 MW	100%	Construction & Operation	On going



# Renewables highlights – EBITDA driven by capacity



Ktenias Wind Farm, Peloponnese, Greece

#### **Key facts**

- ELLAKTOR ownership: 64.5%
- Listed on Athens Stock Exchange in 2014
- · Focus on wind farms in Greece
- Currently operates a total of 289MW:
  - 18 wind farms 282MW
  - 1 Small hydro 5MW
  - 1 PV 2 MW
- PPA remaining lifetime: 19.4 yrs

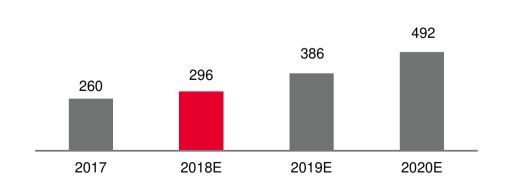
#### **Market Update**

- Significant growth potential in Greece, given the latest legislation and developments:
  - Announced auctions for 900MW wind projects and additional 800MW of wind & PV common tenders
  - Feed-in-Premium support scheme
  - o Reorganisation of Market Operator RES Account
  - PPAs with 20-year flat tariffs are in place, retaining priority in dispatch for the winners of the auctions

#### Renewables segment

- Awarded 28.8MW wind farm at tariff of €70MWh
- Implementing 202MW investment program (2018-2020)
- Positioned to capitalise the advantages in the anticipation of market consolidation in 2020s

#### **Current and planned capacity (MW)**





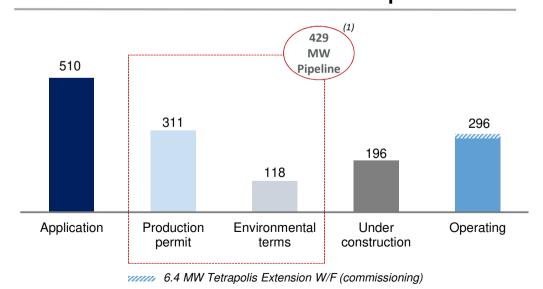
# **ELTECH Anemos RES assets overview and key economics**

#### **Operating Wind Farm Key Facts**

2010 – 2018								
CAPEX	€1.3 m							
Construction	12 - 24 mts							
Capacity factor	26.5%							
Availability	98.5%							
Revenues	216,000 €/MW							
EBITDA	144,000 €/MW							

9M 2018									
Capacity factor	26.9%								
Availability	98.7%								
Mean tariff	89.7 €/MWh								
EBITDA margin	77.3%								
Net Income a.m.	21.8 €/MWh								
Net debt/EBITDA	4.2x								

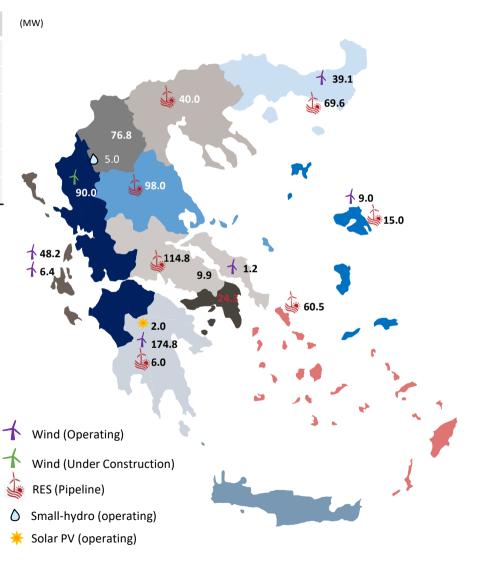
#### **Overview of ELTECH Anemos RES portfolio**



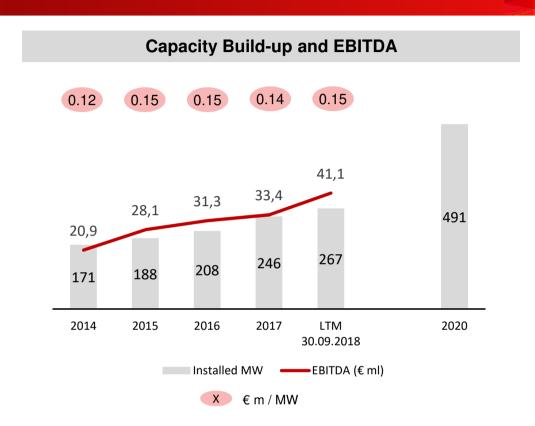
The 429 MW pipeline includes 21 MW of non-wind projects (as of 11/2018)

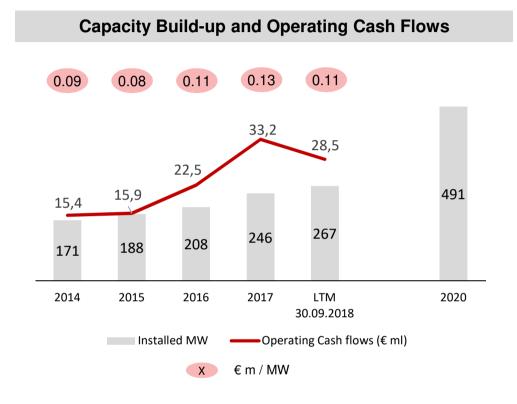


#### **RES projects by Geography**



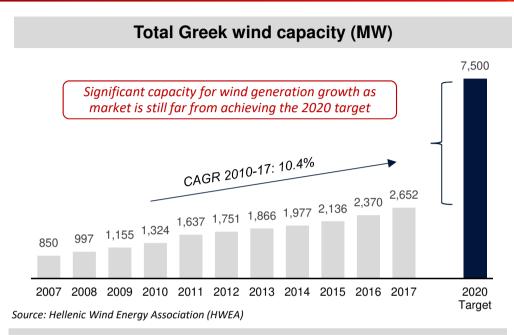
# Significant cash flow potential from EL.TECH. ANEMOS pipeline



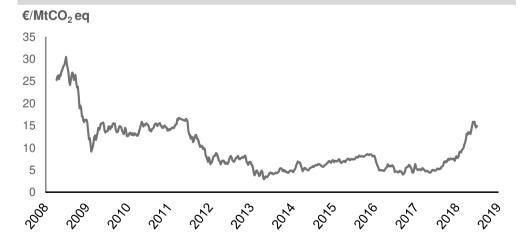




# Mega trends support market growth

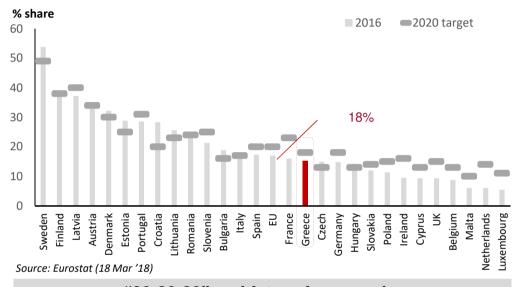


#### **EU-ETS Carbon Market Price**



Source: https://sandbag.org.uk

#### Share of renewable energy vs. target in EU



#### "20-20-20" and future frameworks

- European policy makers introduced goals in the energy sector for 2020 based on security supply, competitive markets and sustainability:
  - **20%** reduction of CO<sub>2</sub> emissions compared to 1990 levels
  - 20% of the energy, on the basis of consumption, coming from renewables
  - 20% increase in energy efficiency



# Real Estate highlights – Investments underway



Smart Park, Attica, Greece

#### **Key facts**

- ELLAKTOR ownership: 55.5%
- Listed on Athens Stock Exchange with Market Cap of €55m (19/02/2019)
- Activities: Development of Retail & Entertainment Centres, Retail Parks, Residential and Commercial Buildings, etc.
- Main projects: Smart Park, Cambas
- Present in Greece and Romania

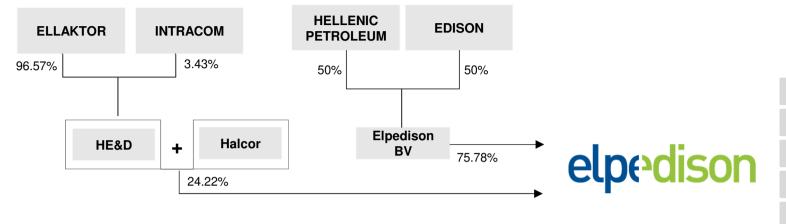
### **Projects update**

#### Smart Park:

- Development of the 2nd phase (additional 15,000m²)
- Signed lease agreement for about 50% of the additional area
- Advanced negotiations to secure financing for the
   2nd phase
- Cambas project successfully navigating the regulatory process and has been green lit by the Central Council of Town Planning Issues and Disputes



# ELLAKTOR also has a~22% in Elpedison / Other Investments



Thessaloniki Plant (400MW)

Thisvi Plant (410MW)

Other Assets/Activities

Electricity supply

Natural gas supply

Cross-border trading

HE&D and Halcor jointly have the institutional minority rights

#### **ELLAKTOR's Investments**

- ELLAKTOR via HE&D owns a 22.74% stake of Elpedison [set up with the Hellenic Petroleum/Edison Joint Venture (75.78%) and Halcor (1.48%)]
- Its generation and supply portfolio remains a key player in the Greek electricity and natural gas markets:
  - 1 gas-fired 400MW CCGT in operation in Thessaloniki
  - 1 gas-fired 410MW CCGT in operation in Thisvi
  - Enhancement and diversification of its portfolio through acquisition/development of additional electricity generation assets
  - Continuing a healthy growth and maintaining its leading role in the alternative electricity and natural gas suppliers' market
  - Expand in the provision of new products and services to final consumers

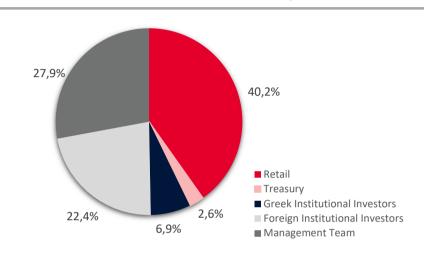
#### Other Investments - GOLD

- ELLAKTOR holds:
  - 1% in ELDORADO GOLD ("ELD"\*) 95% owner of Hellas
     Gold
  - 5% of HELLAS GOLD
  - \*ELD is listed on Toronto and NYSE, with ~931ml CAD\$
     (~705ml USD) market cap (19/02/2019)

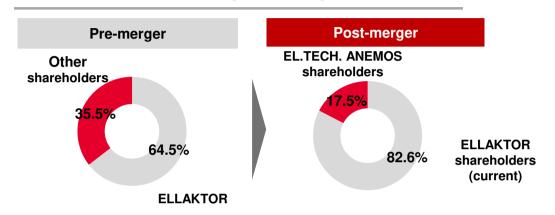


## Share price performance and shareholder structure

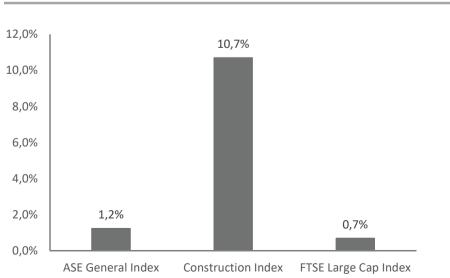
#### **Shareholder structure (February 2019)**



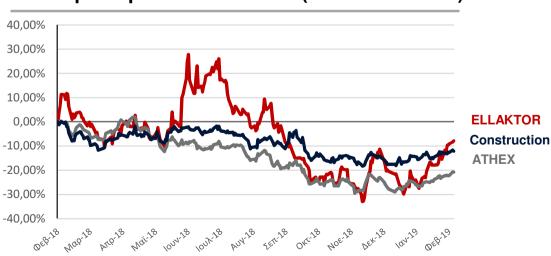
#### Shareholder structure post merger



#### **ELLAKTOR** share weighting on Indices (Feb 19)



#### **Share price performance LTM (Feb 18 ~ Feb 19)**



Tickers:

Reuters ticker: HELr.AT

Bloomberg ticker: ELLAKTOR:GA



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1 ELLAKTOR Group at a Glance

2 Recent Developments and 9M2018 Results

3 Business Units in Focus

4 Corporate Governance



# BoD with the right skill set and experience

### Healthy mix of board diversity

Name	Role	Independe nce	Diver	sity				Experience and skills					
			Gender	Age	Sustain- ability	Inter- national	Relevant sectors	Finance	Governance	Legal	М&А	Re- structuring	Board experience
George Provopoulos	Chairman	✓	М	68	✓	✓		✓	✓		✓	✓	✓
Anastassios Kallitsantsis	CEO		М	65	✓		✓						✓
Dimitrios Kallitsantsis	Vice Chairman		М	67		✓	✓						✓
Alexios Comninos	Non-executive	✓	М	53		✓		✓			✓	✓	✓
Takis Doumanoglou	Non-executive		М	55				✓	✓		✓	✓	✓
Eleni Papaconstantinou	Non-executive	✓	F	60					✓	<b>√</b>	✓		✓
Michael Katounas	Non-executive	✓	М	44		✓		✓	✓		✓	✓	✓
lordanis Aivazis	Non-executive		М	68				✓			✓	✓	✓
Diana Markaki	Non-executive	✓	F	37		✓	✓		✓	✓		✓	



# Achievements: key milestones since the last AGM (July 2018)

- New, fit for purpose BoD appointed
- ✓ More than 50% of BoD members independent
- ✓ Split between Chairman and CEO roles
- ✓ Appointment of Lead Independent Director (Chairman of the Board)
- ✓ Introduction of Company Secretary role, with direct reporting line to the BoD
- ✓ Compensation and Nomination Committees established
- ✓ Audit and Compliance Committees integrated
- Strategy and Investment Committee established
- Compliance and sustainability Committee established
- ✓ Majority of members in key committees are independent

The Board is being supported by blue chip external advisors

#### **Nestor Advisors**

- Corporate Governance benchmarking and assessment
- Review of Code of Compliance

#### **Korn Ferry**

 Drafting of remuneration policy for the Group

A number of key corporate governance milestones have been accomplished since last AGM



# **Next steps: top priorities for the BoD and Committees**

#### **BoD** initiatives

- ✓ Revise ELLAKTOR Corporate Governance Code
- Revise the Charter of Authorities
- Merge Remuneration & Nomination Committees into NRC Committee
- Establish Compliance & Sustainability Committee
- ✓ Enhance Compliance function
- Establish the Board rolling agenda
- Specify Whistleblowing policy
- Specify Related Party Transactions Policy

#### Committee initiatives

#### **Remuneration Committee**

- ✓ Implement Group Wide Remuneration policy
- Create Board Nomination policy

#### **Audit Committee**

 Review of the IA function to ensure sufficient resources are allocated for Group oversight

#### **Nomination Implementations**

- Implement a Nomination Policy
- ✓ Implement Group wide Executive Evaluation policy
- Establish an Executive Succession Planning & Appointment policy

Following the completion of the CG Review in January 2019 by Nestor Advisors a corporate governance plan has been designed with targets on BoD and Committee level



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