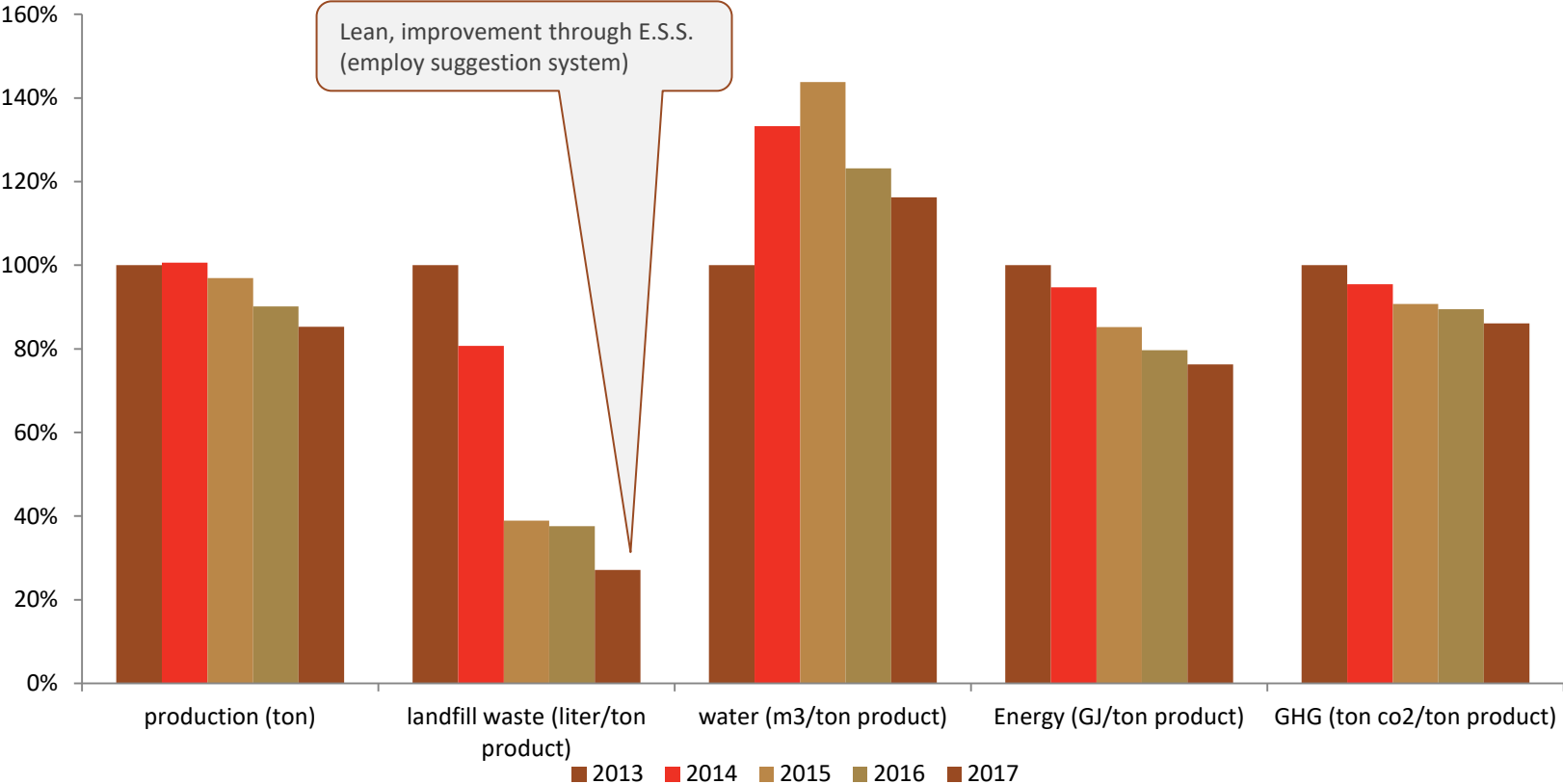


# Environmental Meeting

## Serbia Environmental Performance

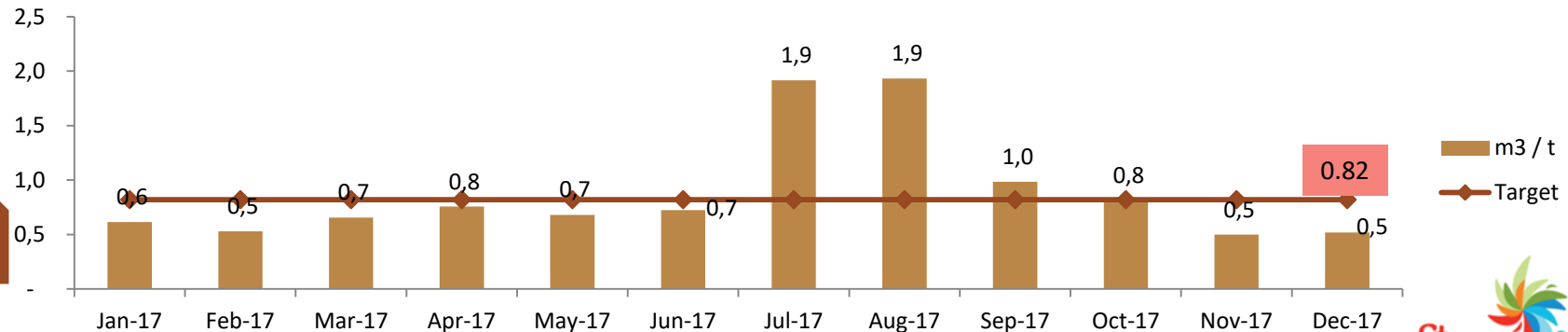
Romania, March 2018

# Comparison to 2013 Baseline



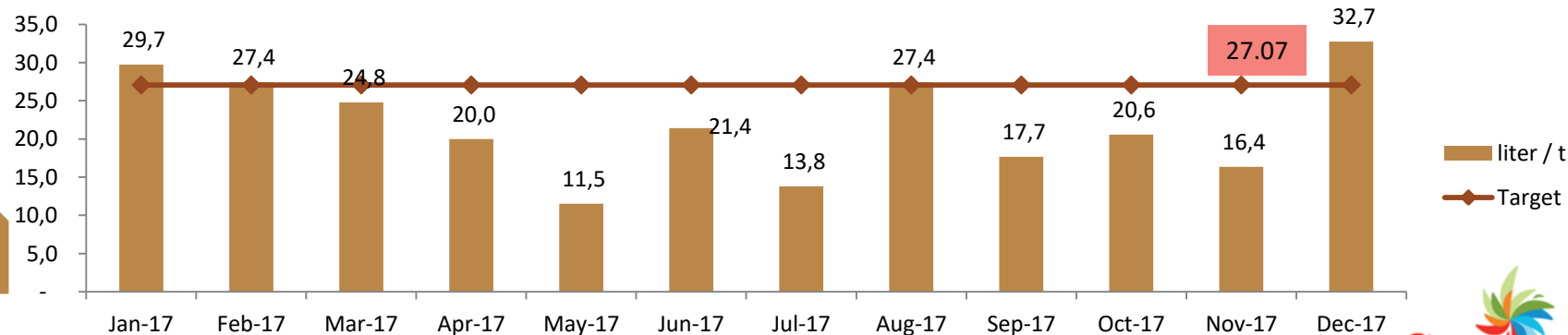
# Water KPI monthly performance

- ✓ Target NOT achieved (YTD 2017 = 0,84 m<sup>3</sup>/t)
- ✓ Generally increasing in summer period, due to irrigation, but not so big
- ✓ In July very small production volume 290t vs. Average 600t
- ✓ August pump failure and liking of the system to the ground
- ✓ To catch targets in following years we predicted CAPEX project to collect atmospheric precipitation



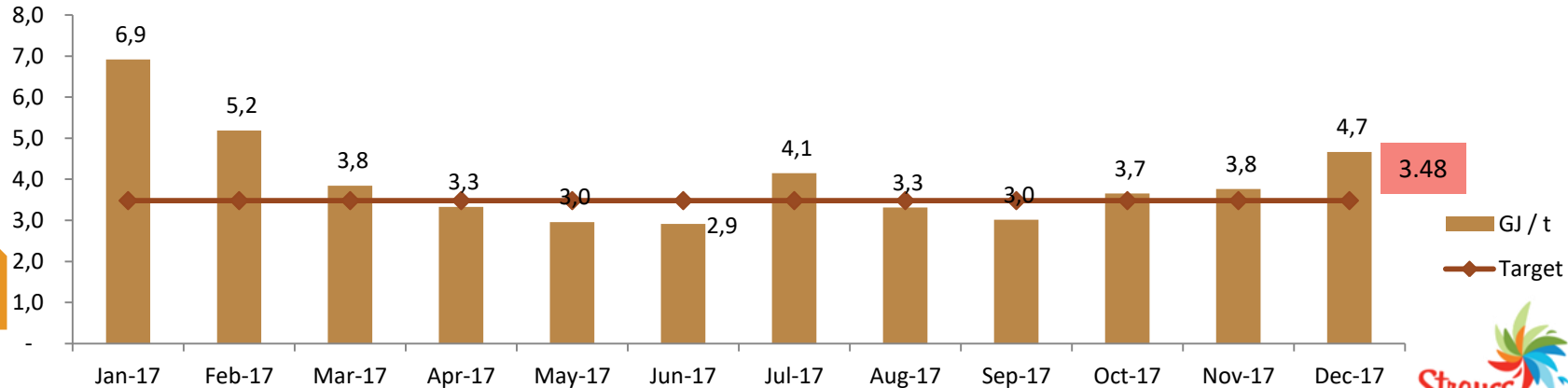
# Waste KPI monthly performance

- ✓ Target achieved (YTD 2017 =21,7 liters/t)
- ✓ With a lot of workers suggestion we improve a lot
- ✓ December was smaller volume



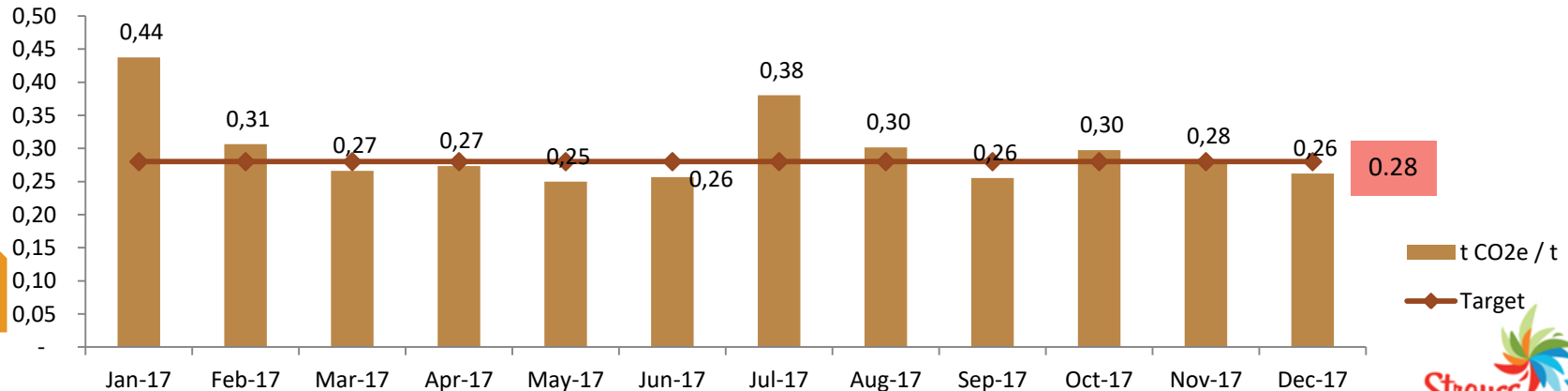
# Energy KPI monthly performance

- ✓ Target NOT achieved (YTD 2017 = 3,8 GJ /t)
- ✓ Genaraly production volume was ~400 t lower then year before
- ✓ Beside all small project we didn't achieve target



# GHG KPI monthly performance

- ✓ Target NOT achieved (YTD 2017 = 0,287 tCO<sub>2</sub>e /t)
- ✓ Genearly production volume was ~400 t lower then year before
- ✓ Average was ruined with two production months of 200t (Jan & July)



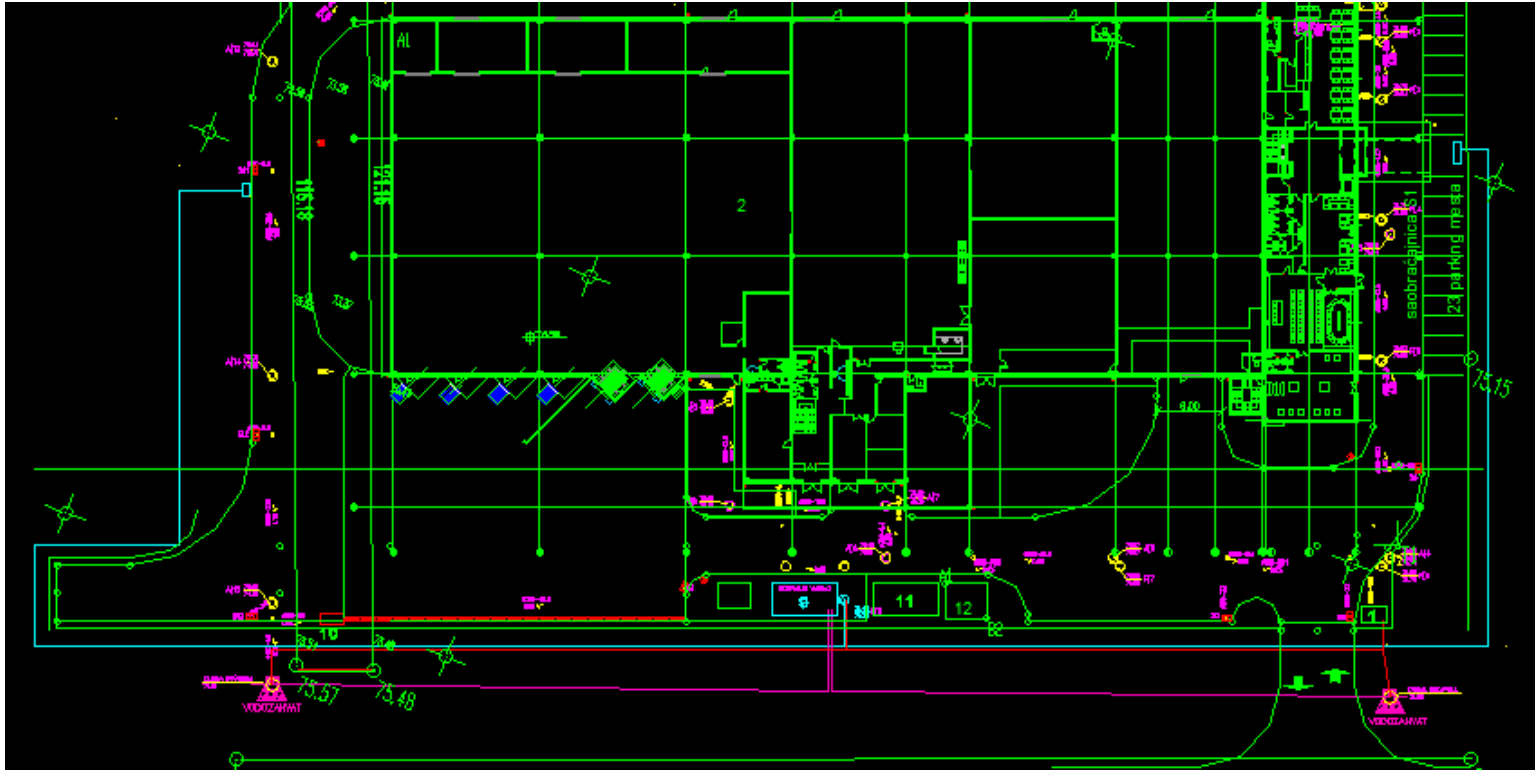
# 2017 Successful Projects and Initiatives

- A lot of small projects / improvements, through E.S.S employ suggestion system
- [energy consumption] – On two locations/rooms, allocation of el.switchers to be on the „entry of the room“ (maintenance spare parts and mixes preparation).
- [waste disposal] – redusing „air gaps“ between bags in comunal bin container, and calling service only when is totaly full
- [waste disposal] – changeing perforation on cooling ring on R3000, and reducing coffee waste that is passing through the holes and falling to flor
- [waste disposal] – „double sieving“ waste from metal detectors. Fine and corse
- [waste disposal] – redusing printing reports (paper saving) between shifts and between departments

# Action Plan 2018

	Target	Planned Projects	Assumed Reduction
<b>Water</b>	0.8	<ul style="list-style-type: none"><li>• Atmospheric water collection</li></ul>	<ul style="list-style-type: none"><li>• 10 %</li></ul>
<b>Waste</b>	26.78	<ul style="list-style-type: none"><li>• Increasing awareness</li></ul>	
<b>Energy &amp;GHG</b>	3.49 0.28	<ul style="list-style-type: none"><li>• Do the feasibility study to put all electrical light around factory on solar panels</li></ul>	<ul style="list-style-type: none"><li>• 1 %</li></ul>

# PROJECT 2018 – atmospheric water collection



- Investment 5.000 EUR. Saving predicted on more then 10%

# 2020 Perspective

	Planned Projects
<b>Water</b>	<ul style="list-style-type: none"><li>• Water recycling</li></ul>
<b>Waste</b>	<ul style="list-style-type: none"><li>• Awareness and training programs</li></ul>
<b>Energy &amp;GHG</b>	<ul style="list-style-type: none"><li>• Transferring all the bulbs in building on led bulbs</li><li>• External light (around the building and on silo) to be on solar energy</li></ul>

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# Environmental Performance Challenges and Opportunities

- Main challenges, and the main reasons that we didn't catch the target for 2017, was lower production volume.