

SMART METERING IN “SADALES TĪKLS”

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SMART METERING ROLL-OUT IN AS "SADALES TIKLS"



1,1 MILLION METERS
16K DCU, 12 years lifetime



46 MEUR Investment
-500FTEs



4 MANUFACTURERS
Addax, Hexing, Elgama,
Sanxing
(IDIS standart)



Communication technology GPRS
20%, PLC 80%;
BILLING DATA COLLECTION
>99%, 100% bill issuing
DAILY ENERGY DATA for previous
day on 8:00 **>96%**



2014-2022
Mass roll-out - 9 years
99,78% SMART
METERS



DIGITAL
TRANSFORMATION

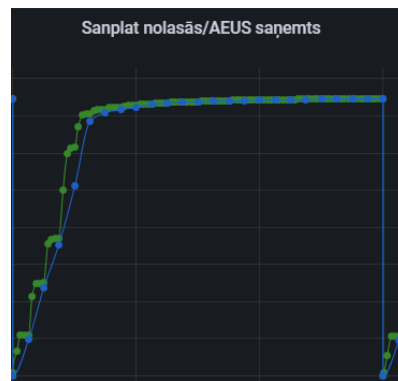
SMART METERING SOLUTION MONITORING "MONTA"



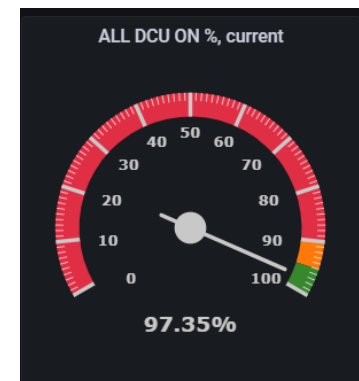
**GRAFANA – OPEN
SOURCE SOLUTION**

| Skats. robežs | Skats. robežs | Skats | reģistrētais | Nav reģistrētais | KPI |
|--------------------|----------------------|--------|--------------|------------------|--------|
| ADOAX | NPT1E 5A.8 | 116386 | 114225 | 2161 | 98.14% |
| ADOAX | NPT3E 10A.8 | 99999 | 99108 | 891 | 99.11% |
| Eligma Elektronika | GAMA 100 (G18.150) V | 65832 | 64989 | 843 | 98.72% |
| Eligma Elektronika | GAMA 300 (G38.144) V | 56438 | 55925 | 513 | 98.99% |
| Eligma Elektronika | GAMA 300 (G38.548) V | 1850 | 1842 | 8 | 99.87% |
| Heating | H0E1 10 V | 159566 | 157375 | 1991 | 98.75% |
| Heating | H0E3 10 V | 20572 | 20329 | 243 | 98.82% |
| Samsung | P12501 | 423804 | 420958 | 2846 | 99.23% |
| Samsung | P04502 | 122159 | 121095 | 1064 | 99.13% |
| Samsung | S12016 | 105794 | 104450 | 1344 | 98.75% |
| Samsung | S04018 | 78358 | 77519 | 839 | 98.93% |
| Samsung | S04018 CTV1 | 3693 | 3678 | 15 | 99.59% |

KPI MONITORING

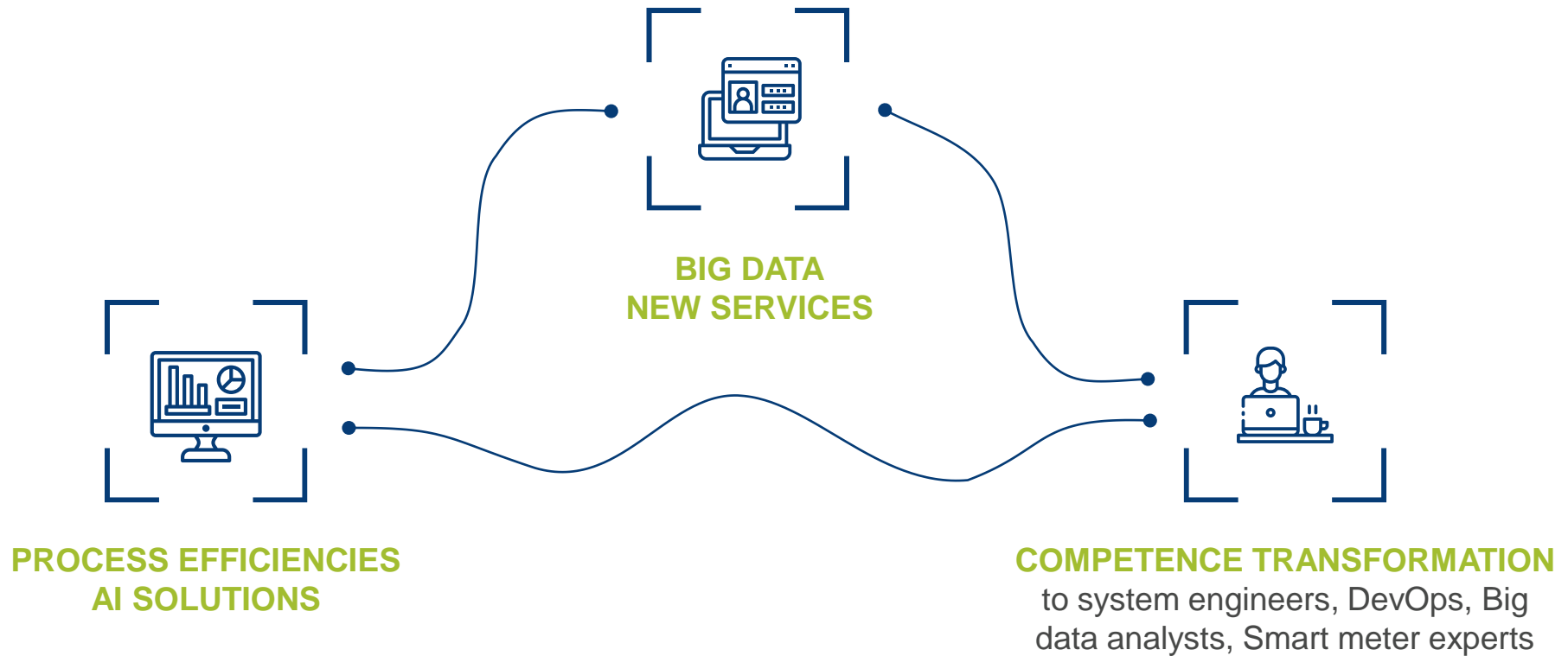


**DATA COLLECTION
MONITORING**



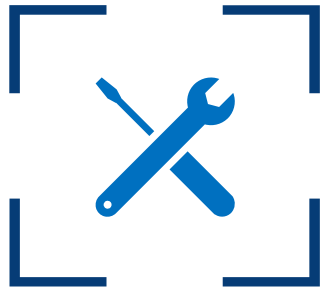
**SYSTEM, COMMUNICATION
TECHNOLOGY, EVENT
MONITORING**

DIGITAL TRANSFORMATION



- ▶ Customer self-service in portal and Energy data analyses
- ▶ Internal processes - Network monitoring & planning; Loss control; Load control
- ▶ Possibility to adjust to market changes

Customer self-service portal



20
services



70
interaction points
for processes



>779 000
customers



98.9%
self-service

Transfer of meter readings >>> 100% digital services

NEW SERVICES

M2M SERVICES

M2M SERVICE

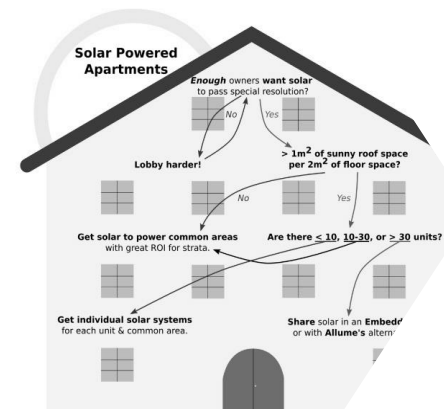


REAL TIME DATA AVAILABILITY FOR CUSTOMERS

(P1 PORT SOLUTION / PUSH DATA OPTIONS)



M-BUS SOLUTION

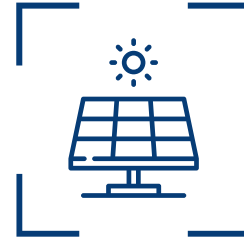


DIGITALISATION OF INTERNAL NETWORKS

Registration of generators



Customer self-service
in portal to apply for
generation



Within in **average 39**
days customer becomes
as prosumer



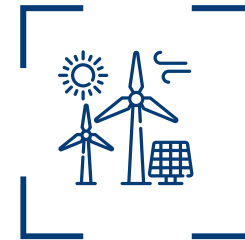
Permission from DSO
issued in average within
1,3 days



All meters support
A+,A- , R+, R-channels



CC&B supports
automatically A-
channel assignment
when permission is
issued for customer to
start generation



Total installed production
power **>720 MW, >23 500**
generators

THANK YOU!

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