

INTERNATIONAL EUREM AWARD CEREMONY 2020

1st October 2020

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EUREMNEXT AWARD CEREMONY 2020

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ERGI KADIU

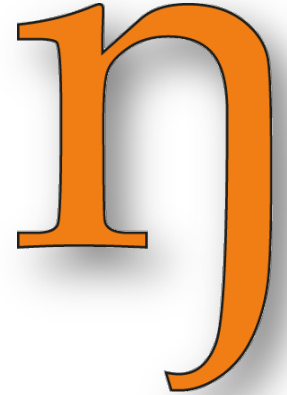


Raiffeisen Bank Albania

Data Centre Room Cooling System Optimisation

Results

- Energy saving potential: 247,000 kWh/a
- Energy source: Electrical Power
- Cost reduction potential: 21,000 Euro/a
- Investment costs: 64,000 Euro
- Pay Back Time: 3.0 years



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EMIR ĆILIMKOVIĆ

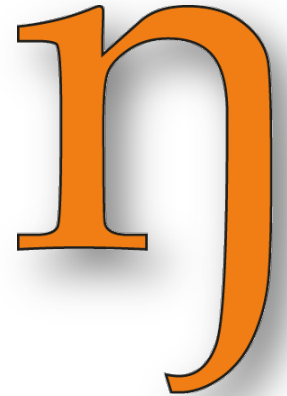


Fabrika cementa Lukavac d.d.

Improving the energy efficiency of the clinker production line by drying alternative fuel

Results

- Energy saving potential: 16,000 kWh/a
- Energy source: Waste
- Cost reduction potential: 525,000 Euro/a
- CO₂ - saving potential: 2,600 t/a
- Investment costs: 2,500,000 Euro
- Pay Back Time: 3.4 years



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TÕNIS KRUZMAN

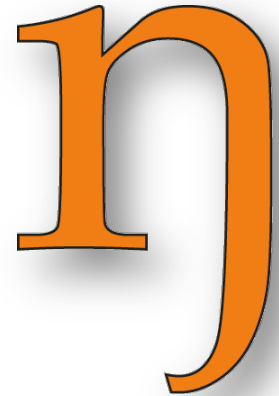


Eastman Specialties OÜ Kohtla-Jarve Estonia

More Efficient Usage of Steam in Drum Dryers

Results

- Energy saving potential: 5,000,000 kWh/a
- Energy source: Steam
- Cost reduction potential: 180,000 Euro/a
- CO₂ - saving potential: 5,500 t/a
- Investment costs: 255,000 Euro
- Pay Back Time: 1.6 years



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PĒTERIS GRUNDINS

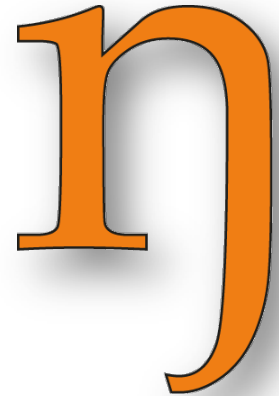


Olimpiskais sporta centrs

Reduction of energy consumption in the swimming pool recirculation and filtration system

Results

- Energy saving potential: 137,000 kWh/a
- Energy source: Electrical Power
- Cost reduction potential: 14,000 Euro/a
- CO₂ - saving potential: 14 t/a
- Investment costs: 27,000 Euro
- Pay Back Time: 2.0 years



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BRANISLAV NIKOLIĆ



IGM Mladost doo

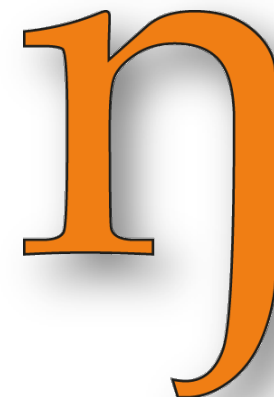
Photovoltaic power plant 2 MW for own electricity consumption

Results

- Energy saving potential: 2,500,000 kWh/a
- Energy source: Electrical Power
- Cost reduction potential: 130,000 Euro/a
- CO₂ - saving potential: 3,300 t/a
- Investment costs: 1,400,000 Euro
- Pay Back Time: 9.5 years



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SMALL ENTERPRISES

EMIR ĆILIMKOVIĆ

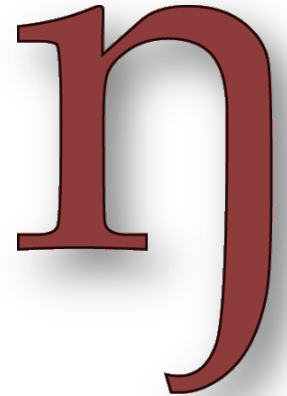


Fabrika cementa Lukavac d.d.

Improving the energy efficiency of the clinker production line by drying alternative fuel

Results

- Energy saving potential: 16,000 kWh/a
- Energy source: Waste
- Cost reduction potential: 525,000 Euro/a
- CO₂ - saving potential: 2,600 t/a
- Investment costs: 2,500,000 Euro
- Pay Back Time: 3.4 years



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SMALL ENTERPRISES

JUAN JOSE ORTA



Isover Saint Gobain

Energy Efficiency in Drying Cells

Results

- Energy saving potential: 1,575,000 kWh/a
- Energy source: Natural Gas
- Cost reduction potential: 56,000 Euro/a
- CO₂ - saving potential: 320 t/a
- Investment costs: 60,000 Euro
- Pay Back Time: 1.1 years

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SMALL ENTERPRISES

ALEJANDRO DOBERTI

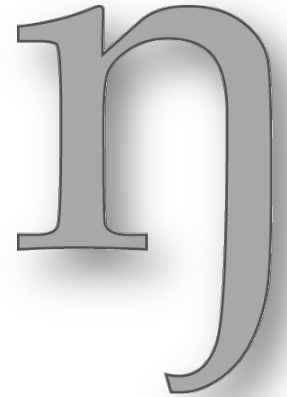


IPROMSA

Study of the exploitation of available energy from gas pipelines' line pack

Results

- Energy saving potential: 7,700,000 kWh/a
- Energy source: Natural Gas & Electrical Power
- Cost reduction potential: 1,740,000 Euro/a
- CO₂ - saving potential: 10,300 t/a
- Investment costs: 6,200,000 Euro
- Pay Back Time: 5.0 years



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SMALL ENTERPRISES

JOSEF HAUSNER

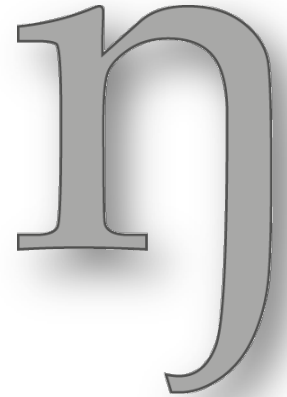


ADM Olomouc s.r.o.

Heat recovery from condensate in extraction technology

Results

- Energy saving potential: 1,170,000 kWh/a
- Energy source: Natural gas
- Cost reduction potential: 48,000 Euro/a
- CO₂ - saving potential: 960 t/a
- Investment costs: 55,000 Euro
- Pay Back Time: 1.5 years



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SMALL ENTERPRISES

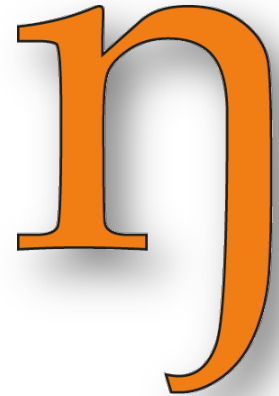
TÕNIS KRUZMAN



Eastman Specialties OÜ Kohtla-Jarve Estonia

More Efficient Usage of Steam in Drum Dryers Results

- Energy saving potential: 5,000,000 kWh/a
- Energy source: Steam
- Cost reduction potential: 180,000 Euro/a
- CO₂ - saving potential: 5,500 t/a
- Investment costs: 255,000 Euro
- Pay Back Time: 1.6 years



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MEDIUM ENTERPRISES

KLEMENS WEGEHAUPT



Siemens AG (ESCO project at Johannesbad GmbH)

eMobility-Concept

Results

- Energy saving potential: 208,000 kWh/a
- Energy source: Electrical power
- Cost reduction potential: 66,000 Euro/a
- CO₂ - saving potential: 110 t/a
- Investment costs: 204,000 Euro
- Pay Back Time: 0.5 years



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MEDIUM ENTERPRISES

ALENKA VREČEK

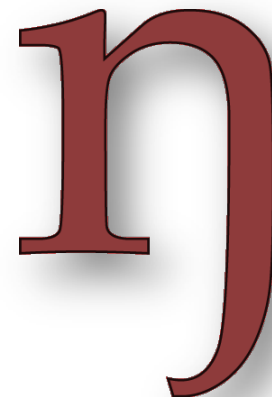


Resalta (ESCO project for Pertutnina Ptuj)

Utilisation of the condensing heat of the cooling system by installing a heat pump to prepare the sanitary hot water

Results

- Energy saving potential: 6,500,000 kWh/a
- Energy source: Natural Gas
- Cost reduction potential: 165,000 Euro/a
- CO₂ - saving potential: 1,000 t/a
- Investment costs: 600,000 Euro
- Pay Back Time: 3.6 years



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MEDIUM ENTERPRISES

PETRI PARVIAINEN

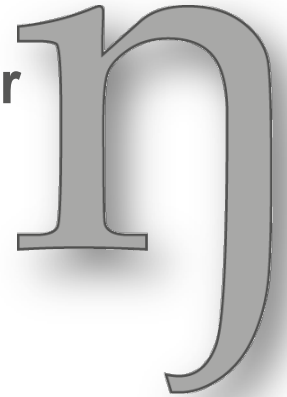


Vantaan Energia

Reducing district heating auxiliary heat exchanger energy consumption

Results

- Energy saving potential: 12,000,000 kWh/a
- Energy source: Coal & Natural Gas
- Cost reduction potential: 360,000 Euro/a
- CO₂ - saving potential: 1,900 t/a
- Investment costs: 50,000 Euro
- Pay Back Time: 0.1 years



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MEDIUM ENTERPRISES

MARÍA ELENA HERNANDEZ NARZA

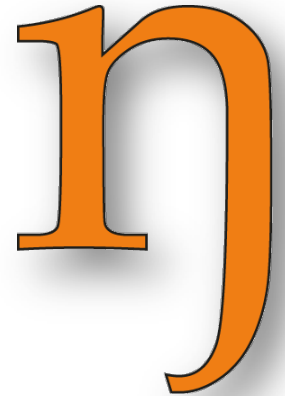


Sorpole

Condensate recovery for water heating from Osmosis to Degasifier of the Boiler

Results

- Energy saving potential: 5,500,000 kWh/a
- Energy source: Natural Gas
- Cost reduction potential: 220,000 Euro/a
- CO₂ - saving potential: 1,200 t/a
- Investment costs: 180,000 Euro
- Pay Back Time: 0.8 years



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LARGE ENTERPRISES

LEONARDO VARAS

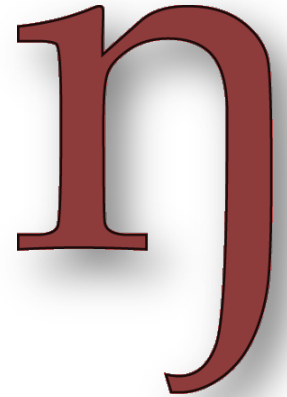


Agrosuper

Pork freezing using natural gas regasification

Results

- Energy saving potential: 170,000 kWh/a
- Energy source: Electrical power
- Cost reduction potential: 125,000 Euro/a
- CO₂ - saving potential: 66 t/a
- Investment costs: 310,000 Euro
- Pay Back Time: 3.6 years



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KLAUS MATHEIS-WEIß

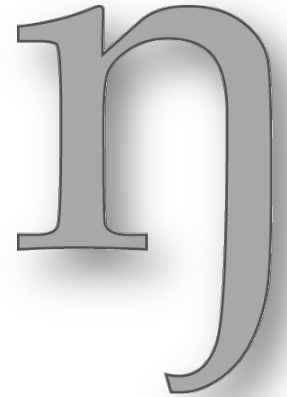


Lenzing AG

Heat recovery from waste water for heating inlet air

Results

- Energy saving potential: 13,700,000 kWh/a
- Energy source: Steam
- CO₂ - saving potential: 3,700 t/a
- Investment costs: 645,000 Euro



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ANIDA KUSUR

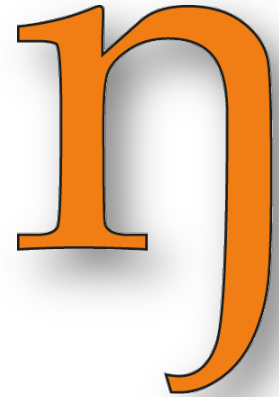


SIJ Acroni d.o.o.

Advanced peak load management system at the steel plant

Results

- Energy source: Electrical power
- Cost reduction potential: 360,000 Euro/a
- Investment costs: 55,000 Euro
- Pay Back Time: 0.2 years





CONGRATULATIONS!



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