

## Ongoing Projects (as of June 2019)



### Biomass Power Plant 9.9 MW LAWI EtaComb® equipment – Project 1

Commissioning Date: scheduled Q4 / 2019

**DESIGN FUEL** Wood Chip  
**CLIENT** Loxley Public Co., Ltd.  
**LOCATION** Yala / Thailand

#### TECHNICAL PROJECT DATA

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

#### SCOPE OF LAWI SUPPLY

Engineering and Supply of LAWI EtaComb®  
Components:  
Moving Grate  
Fuel Dosing  
Hydraulic System  
Combustion Instruments



### Biomass Power Plant 9.9 MW LAWI EtaComb® equipment – Project 2

Commissioning Date: scheduled Q4 / 2019

**DESIGN FUEL** Wood Chip  
**CLIENT** Loxley Public Co., Ltd.  
**LOCATION** Yala / Thailand

#### TECHNICAL PROJECT DATA

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

#### SCOPE OF LAWI SUPPLY

Engineering and Supply of LAWI EtaComb®  
Components:  
Moving Grate  
Fuel Dosing  
Hydraulic System  
Combustion Instruments



### Biomass Power Plant 28 MW LAWI EtaComb® 1000

Commissioning Date: scheduled Q1 / 2020

**DESIGN FUEL** Rice Husk, Wood Chip (Bagasse,  
Wood Bark as supplemental fuels)  
**CLIENT** UThong Green Power Co., Ltd.  
**LOCATION** Nakhon Ratchasima / Thailand

#### TECHNICAL PROJECT DATA

Firing Design Capacity: 93.7 MW<sub>th</sub>  
Steam Boiler Design Data: 115 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 28 MW<sub>el</sub>

#### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering  
and Consultancy  
Supply and Installation of LAWI EtaComb®  
Components:  
Moving Grate  
Gas Fans  
Hydraulic System  
Combustion Instruments

## ▲ Biomass Power Plant 9.9 MW LAWI EtaComb® 400

Commissioning Date: June 2019

**DESIGN FUEL** Eucalyptus Bark, Wood Chip (Bagasse, Cassava and EFB as supplemental fuels)

**CLIENT** KPN Green Energy Solution Co., Ltd.

**LOCATION** Nakhon Ratchasima / Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 37 MW<sub>th</sub>

Steam Boiler Design Data: 43 tons per hour, 69 bar(a), 485 °C

Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy

Supply of LAWI EtaComb® 400 Combustion System

## ▲ Waste to Energy Power Plant 7 MW LAWI EtaComb® 300

Commissioning Date: scheduled Q3 / 2019

**DESIGN FUEL** RDF

**CLIENT** RH Recovery House Co., Ltd.

**LOCATION** Ayutthaya / Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 30 MW<sub>th</sub>

Steam Boiler Design Data: 35 tons per hour, 53 bar(a), 450 °C

Generator Capacity: 7 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy

Supply and Installation of LAWI EtaComb® 300 Combustion System, Steam Boiler and Feed Water System and Ash Handling System

## 2017

## ▲ Biomass Power Plant 12 MW LAWI EtaPlant®

Commissioning Date: August 2017

**DESIGN FUEL** Gliricidia

**CLIENT** GIMCO Co., Ltd.

**LOCATION** Nabou of Viti Levu/ Fiji

### TECHNICAL PROJECT DATA

Firing Design Capacity: 51.2 MW<sub>th</sub>

Steam Boiler Design Data: 57 tons per hour, 36.3 bar(a), 440 °C

Generator Capacity: 12 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy

Supply of LAWI EtaComb® 500 Combustion System, Steam Boiler and Feed Water System, Fuel Conveying System, Ash Handling System and Flue Gas Cleaning System



## **Biomass Power Plant 11 MW LAWI EtaComb® 400**

**Commissioning Date:** May 2017

**DESIGN FUEL** Rice Husk, Eucalyptus Bark, Wood Chip  
**CLIENT** KPN Green Energy Solution Co., Ltd.  
**LOCATION** Kamphengphet / Thailand

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 45 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 11 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering and Consultancy  
Supply and Installation of LAWI EtaComb® 400 Combustion System and Fuel Conveying System



## **Biomass Power Plant 8 MW LAWI EtaComb® 350**

**Commissioning Date:** October 2017

**DESIGN FUEL** Gliricidia, Rice Husk, Coal  
**CLIENT** Tokyo Eastern Cement Co., Ltd.  
**LOCATION** Trincomalee/ Sri Lanka

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 32 MW<sub>th</sub>  
Steam Boiler Design Data: 36 tons per hour, 65.7 bar(a), 485 °C  
Generator Capacity: 8 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering and Consultancy  
Supply of LAWI EtaComb® 350 Combustion System, Fuel Conveying System and Ash Handling System



## **WtE Power Plant 9.4 MW LAWI EtaPlant®**

**Commissioning Date:** June 2017

**DESIGN FUEL** RDF  
**CLIENT** Better World Green Public Co., Ltd.  
**LOCATION** Saraburi/ Thailand

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 45 MW<sub>th</sub>  
Steam Boiler Design Data: 50 tons per hour, 53 bar(a), 450 °C  
Generator Capacity: 9.4 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering and Consultancy  
Supply and Installation of LAWI EtaComb® 450 Combustion System, Steam Boiler and Feed Water System and Ash Handling System





## Biomass Power Plant 9.5 MW LAWI EtaPlant®

Commissioning Date: August 2017

**DESIGN FUEL** Para Wood, Para Root  
**CLIENT** Global Green Holding Co., Ltd.  
**LOCATION** Songkhla/ Thailand

**SCOPE OF LAWI SUPPLY**  
Turn-Key-Power Plant  
Supply and Installation of LAWI EtaComb®  
400 Combustion System

### TECHNICAL PROJECT DATA

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.5 MW<sub>el</sub>

## 2016



## Biomass Power Plant 9.9 MW LAWI EtaComb® 400

Commissioning Date: October 2016

**DESIGN FUEL** Para Wood (EFB, Palm Frond as supplemental  
fuels)  
**CLIENT** Thung Sang Green Co., Ltd.  
**LOCATION** Nakhon Si Thammarat/ Thailand

**SCOPE OF LAWI SUPPLY**  
Supply of LAWI EtaComb® 400  
Combustion System

### TECHNICAL PROJECT DATA

Firing Design Capacity: 41 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

## 2015



## Biomass Power Plant 9.9 MW LAWI EtaComb® 600 – WINNER OF THAILAND ENERGY AWARD 2018

Commissioning Date: September 2015

**DESIGN FUEL** Rice Husk, Wood Chip  
**CLIENT** Maewong Energy Co., LTD.  
**LOCATION** Nakhon Sawan/ Thailand

**SCOPE OF LAWI SUPPLY**  
Supply of LAWI EtaComb® 600  
Combustion System

### TECHNICAL PROJECT DATA

Firing Design Capacity: 60 MW<sub>th</sub>  
Steam Boiler Design Data: 65 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>





## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: June 2015

**DESIGN FUEL** Eucalyptus Bark, Wood Chip (High Moisture)  
**CLIENT** Well Korat Energy Co., LTD.  
**LOCATION** Buriram/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 41 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy  
Supply and Installation of LAWI EtaComb® 450 Combustion System  
Overall DCS Programming



## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: May 2015

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Sirindhorn/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb® 400 Combustion System



## Biomass Power Plant 9.9 MW LAWI EtaComb® 400 – WINNER OF THAILAND ENERGY AWARD 2018

Commissioning Date: April 2015

**DESIGN FUEL** Rice Husk, Eucalyptus Bark  
**CLIENT** KPN Green Energy Solution Co., Ltd.  
**LOCATION** Phichit / Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 40.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy  
Supply and Installation of LAWI EtaComb® 400 Combustion System and Fuel Conveying System



## 2014



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date:** July 2014

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Thoen / Thailand

**SCOPE OF LAWI SUPPLY**  
Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



### **Biomass Power Plant 6 MW LAWI EtaPlant®**

**Commissioning Date:** June 2014

**DESIGN FUEL** Gliricidia  
**CLIENT** Tokyo Cement Company (Lanka), Ltd.  
**LOCATION** Mahiyangana/ Sri Lanka

**SCOPE OF LAWI SUPPLY**  
Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
300 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 27.5 MW<sub>th</sub>  
Steam Boiler Design Data: 32.9 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 6 MW<sub>el</sub>

## 2013



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date:** December 2013

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Sr Chiangmai / Thailand

**SCOPE OF LAWI SUPPLY**  
Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



## **Biomass Power Plant 9.9 MW LAWI EtaComb® 400**

**Commissioning Date:** November 2013

**DESIGN FUEL** Wood Chip, Rice Husk  
**CLIENT** Kamalasai Biopower 2010 Co., Ltd.  
**LOCATION** Kalasin/ Thailand

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 40.5 MW<sub>th</sub>  
Steam Boiler Design Data: 50 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Modification of Existing Power Plant  
Design for Efficiency Increase  
Supply and Installation of LAWI EtaComb®  
400 Combustion System



## **Biomass Power Plant 9.9 MW LAWI EtaComb® 400**

**Commissioning Date:** November 2013

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Sri Wattana Green Co., Ltd.  
**LOCATION** Buriram / Thailand

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 41 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Supply of LAWI EtaComb® 400  
Combustion System



## **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date:** June 2013

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Ponthong/ Thailand

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### **SCOPE OF LAWI SUPPLY**

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System





## Biomass Power Plant 20 MW LAWI EtaPlant®

Commissioning Date: April 2013

**DESIGN FUEL** Rice Husk, Wood Chip  
**CLIENT** Khon Kaen Green Power Co., Ltd.  
**LOCATION** Khon Kaen/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 80 MW<sub>th</sub>  
Steam Boiler Design Data: 88 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 2x 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering and Consultancy  
Supply of LAWI EtaComb® 400 Combustion System



## Biomass Power Plant 9.9 MW LAWI EtaComb® 400 – WINNER OF THAILAND ENERGY AWARD 2018

Commissioning Date: March 2013

**DESIGN FUEL** Para Wood  
**CLIENT** Changraek Biopower Co., Ltd.  
**LOCATION** Tungsong/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Supply of LAWI EtaComb® 400 Combustion System



## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: January 2013

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Chokchai / Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb® 400 Combustion System





## 2012



### **Biomass Power Plant 7.5 MW LAWI EtaPlant®**

**Commissioning Date:** December 2012

**DESIGN FUEL** Eucalyptus Bark, Eucalyptus Wood Chip  
**CLIENT** Sahagreen Forest Co., Ltd.  
**LOCATION** Kamphaeng Phet/ Thailand

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 30 MW<sub>th</sub>  
Steam Boiler Design Data: 33 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 7.5 MW<sub>el</sub>

#### **SCOPE OF LAWI SUPPLY**

EPC Consortium Partner  
Overall Power Plant Detail Engineering  
Supply and Installation of LAWI EtaComb®  
300 Combustion System and Ash Handling System  
Supply of Fuel Conveying System and Steam Turbine



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date:** October 2012

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Prasat / Thailand

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

#### **SCOPE OF LAWI SUPPLY**

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System



### **Biomass Power Plant 17 MW LAWI EtaPlant®**

**Commissioning Date:** September 2012

**DESIGN FUEL** Eucalyptus Bark, Wood Chip, Rice Husk  
**CLIENT** Mungcharoen Biomass Co., Ltd.  
**LOCATION** Surin/ Thailand

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 60 MW<sub>th</sub>  
Steam Boiler Design Data: 67 tons per hour, 66 bar(a), 485 °C  
Generator Capacity: 17 MW<sub>el</sub>

#### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
600 Combustion System





## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: June 2012

**DESIGN FUEL** Rice Husk, Eucalyptus Bark  
**CLIENT** Srisangdaw Biopower Co., Ltd.  
**LOCATION** Roi Et/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 66 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System



## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: May 2012

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Nampong/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System



## Biomass Power Plant 9.9 MW LAWI EtaPlant®

Commissioning Date: April 2012

**DESIGN FUEL** Eucalyptus Bark, Wood Chip  
**CLIENT** Advanced Energy Development Co., Ltd.  
**LOCATION** Ban Bueng/ Thailand

### TECHNICAL PROJECT DATA

Firing Design Capacity: 39.5 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

### SCOPE OF LAWI SUPPLY

Overall Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System



## 2011



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date: October 2011**

**DESIGN FUEL** Rice Husk  
**CLIENT** TRC Clean Energy Co., Ltd.  
**LOCATION** Korat/ Thailand

**SCOPE OF LAWI SUPPLY**  
Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
400 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 40 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date: October 2011**

**DESIGN FUEL** Coconut Fiber, Palm Stalk, Wood Chip  
**CLIENT** Clean Energy Thapsakae Co., Ltd.  
**LOCATION** Thap Sakae/ Thailand

**SCOPE OF LAWI SUPPLY**  
Supply and Installation of LAWI EtaComb®  
400 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 42 MW<sub>th</sub>  
Steam Boiler Design Data: 45 tons per hour, 42 bar(a), 455 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



### **Biomass Power Plant 9.9 MW LAWI EtaComb® 600**

**Commissioning Date: February 2011**

**DESIGN FUEL** Bagasse (Multi-Fuel-Design)  
**CLIENT** Baanrai Electricity Generating Co., Ltd.  
**LOCATION** Utaithani/ Thailand

**SCOPE OF LAWI SUPPLY**  
Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
600 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 55 MW<sub>th</sub>  
Steam Boiler Design Data: 60 tons per hour, 68 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



## 2009



### **Biomass Power Plant 9.9 MW LAWI EtaPlant®**

**Commissioning Date:** April 2009

**DESIGN FUEL** Palm Leaves, Empty Fruit Bunch  
**CLIENT** Sub Anan Biomass Co., Ltd.  
**LOCATION** Chumporn/ Thailand

#### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
500 Combustion System

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 46 MW<sub>th</sub>  
Steam Boiler Design Data: 50 tons per hour, 42 bar(a), 410 °C  
Generator Capacity: 9.9 MW<sub>el</sub>



### **Biomass Power Plant 7.5 MW LAWI EtaPlant®**

**Commissioning Date:** March 2009

**DESIGN FUEL** Rice Husk  
**CLIENT** Decha Bio Green Co., Ltd.  
**LOCATION** Chon Buri/ Thailand

#### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
300 Combustion System and PLC Control  
System for Steam Boiler

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 32.5 MW<sub>th</sub>  
Steam Boiler Design Data: 35 tons per hour, 69 bar(a), 490 °C  
Generator Capacity: 7.5 MW<sub>el</sub>

## 2008



### **Biomass Power Plant 10 MW LAWI EtaPlant®**

**Commissioning Date:** October 2008

**DESIGN FUEL** Rice Husk, Bark, Corn Cob  
**CLIENT** Sricharoen Bio Power Co., Ltd.  
**LOCATION** Buriram/ Thailand

#### **SCOPE OF LAWI SUPPLY**

Overall Power Plant Basic Engineering and  
Consultancy  
Supply and Installation of LAWI EtaComb®  
500 Combustion System, Fuel Conveying  
System, De-Ashing System and DCS  
Control System for Power Plant

#### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 50 MW<sub>th</sub>  
Steam Boiler Design Data: 55 tons per hour, 67 bar(a), 485 °C  
Generator Capacity: 10 MW<sub>el</sub>





## **Biomass Power Plant 10 MW LAWI EtaPlant®**

**Commissioning Date: August 2008**

**DESIGN FUEL** Rice Husk, Wood Chip, Coconut Shell,  
Municipal Green Waste  
**CLIENT** Tokyo Cement Company (Lanka) Co., Ltd.  
**LOCATION** Trincomalee/ Sri Lanka

**SCOPE OF LAWI SUPPLY**  
Overall Power Plant Basic Engineering and  
Consultancy  
Supply and Installation of LAWI EtaComb®  
500 Combustion System

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 47 MW<sub>th</sub>  
Steam Boiler Design Data: 50 tons per hour, 55 bar(a), 455 °C  
Generator Capacity: 10 MW<sub>el</sub>



## **Biomass Power Plant 9.9 MW LAWI EtaComb® 500**

**Commissioning Date: June 2008**

**DESIGN FUEL** Rice Husk, Corn Cob  
**CLIENT** Kaona Power Supply Co., LTD.  
**LOCATION** Ubon Ratchathani/ Thailand

**SCOPE OF LAWI SUPPLY**  
Supply and Installation of LAWI EtaComb®  
500 Combustion System and PLC Control  
System for Steam Boiler

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 50 MW<sub>th</sub>  
Steam Boiler Design Data: 55 tons per hour, 66 bar(a), 485 °C  
Generator Capacity: 9.9 MW<sub>el</sub>

## **2007**



## **Biomass Power Plant 7.3 MW LAWI EtaPlant®**

**Commissioning Date: October 2007**

**DESIGN FUEL** Rice Husk  
**CLIENT** Bua Yai Biopower Co., Ltd.  
**LOCATION** Nakhon Ratchasima/ Thailand

**SCOPE OF LAWI SUPPLY**  
Overall Power Plant Basic Engineering  
Supply and Installation of LAWI EtaComb®  
300 Combustion System

### **TECHNICAL PROJECT DATA**

Firing Design Capacity: 30 MW<sub>th</sub>  
Steam Boiler Design Data: 35 tons per hour, 40 bar(a), 450 °C  
Generator Capacity: 7.3 MW<sub>el</sub>



## 2004



### **Biomass Power Plant 22 MW**

Commissioning Date: January 2004

**DESIGN FUEL** Waste Wood Chip, Wood Dust  
**CLIENT** INTEC Engineering GmbH  
**LOCATION** Midland/ USA

#### **SCOPE OF LAWI SUPPLY**

Engineering of Moving Grate Furnace  
27 m<sup>2</sup> with Thermal Oil Heater

## 2003



### **Biomass Power Plant 12 MW**

Commissioning Date: December 2003

**DESIGN FUEL** Waste Wood Chip, Wood Dust  
**CLIENT** INTEC Engineering GmbH  
**LOCATION** Samut Sakhon/ Thailand

#### **SCOPE OF LAWI SUPPLY**

Engineering of Moving Grate Furnace  
16 m<sup>2</sup> with Thermal Oil Heater



### **Biomass Power Plant 11 MW**

Commissioning Date: April 2003

**DESIGN FUEL** Waste Wood Chip  
**CLIENT** INTEC Engineering GmbH  
**LOCATION** Phang Nga/ Thailand

#### **SCOPE OF LAWI SUPPLY**

Engineering of Moving Grate Furnace  
27 m<sup>2</sup> with Thermal Oil Heater 280°C

## 2002



### **Biomass Power Plant 6.7 MW LAWI EtaPlant®**

Commissioning Date: June 2002

**DESIGN FUEL** Rice Husk, Waste Wood Chip, Wood Dust,  
Agricultural Waste (Multi-Fuel-Design)  
**CLIENT** COMEF Cafpenteria S.R.L./ Riso Scotti Energia  
S.p.A.  
**LOCATION** Pavia/ Italy

#### **SCOPE OF LAWI SUPPLY**

Supply of LAWI EtaComb® Moving Grate  
Furnace 54 m<sup>2</sup> for 40 tph Steam Boiler  
Cogeneration Plant

## 2001



### Power Plant 6 MW

Commissioning Date: September 2001

**DESIGN FUEL** Naptha, Exhaust Gas from Gas Turbine  
**CLIENT** AK Energji A.S  
**LOCATION** Beyoglu/ Turkey

**SCOPE OF LAWI SUPPLY**  
Heat Recovery System with Thermal Oil  
Boiler

## 1999



### Biomass Power Plant 4.2 MW

Commissioning Date: March 1999

**DESIGN FUEL** Rice Husk, Wood Dust  
**CLIENT** Curti Riso s.r.l.  
**LOCATION** Valle Lomellina/ Italy

**SCOPE OF LAWI SUPPLY**  
Supply and Installation of Moving Grate  
Furnace 28 m<sup>2</sup> for 32 tph Steam Boiler



### Biomass Power Plant 4.2 MW

Commissioning Date: March 1999

**DESIGN FUEL** Waste Wood Chip, Wood Dust  
**CLIENT** RAI Plywoods (Kenia), Ltd.  
**LOCATION** Eldoret/ Kenia

**SCOPE OF LAWI SUPPLY**  
Supply and Installation of Moving Grate  
Furnace 34 m<sup>2</sup> for Steam Power Plant



### Biomass Power Plant 8 MW

Commissioning Date: February 1999

**DESIGN FUEL** Waste Wood Chip  
**CLIENT** Holzindustrie Austria  
**LOCATION** Preding/ Austria

**SCOPE OF LAWI SUPPLY**  
Supply and Installation of Thermal Oil  
Boiler for Wood Panel Industry



## 1998



### Power Plant 3500 + 260 kW

Commissioning Date: December 1998

**DESIGN FUEL** Natural Gas, Digester Gas

**CLIENT** CTU AG

**LOCATION** Ravensburg/ Austria

#### SCOPE OF LAWI SUPPLY

Supply and Installation of Thermal Oil  
Boiler for Sewage Treatment Plant



### Power Plant 2x2 MW

Commissioning Date: April 1998

**DESIGN FUEL** Natural Gas

**CLIENT** Landeskrankenhaus Austria

**LOCATION** Villach/ Austria

#### SCOPE OF LAWI SUPPLY

Supply and Installation of Thermal Oil  
Heating Station

## 1996



### Biomass Power Plant 2.5 MW

Commissioning Date: June 1996

**DESIGN FUEL** Rice Husk

**CLIENT** Chia Meng Co., Ltd.

**LOCATION** Korat/ Thailand

#### SCOPE OF LAWI SUPPLY

Overall Power Plant Basic Engineering  
Supply and Installation of Moving Grate  
Furnace with Steam Boiler (18 tons per  
hour, 33 bar(a), 420°C)

