



# CAEB AGROENERGY APP

MOBILE APPLICATION FOR VALUING THE ENERGY CONTENT OF AGRICULTURAL PRUNING REMAINS

## 3 STANDARD ROUTES

 **HOW MUCH ENERGY I HAVE IN THE FIELD**

 **HOW MUCH I CAN HEAT UP**

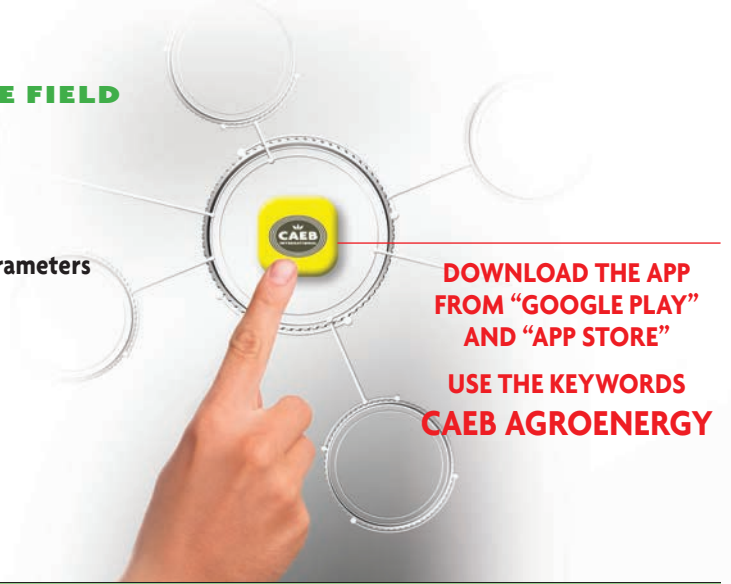
 **HOW MUCH I CAN SAVE**

Calculations have been made basing on pre-set standard parameters

## 1 PERSONALISED ROUTE

 **MY ENERGY BALANCE**

It allows to enter your specific parameters



DOWNLOAD THE APP FROM "GOOGLE PLAY" AND "APP STORE"

USE THE KEYWORDS CAEB AGROENERGY



### HOW MUCH ENERGY I HAVE IN THE FIELD

- Enter the hectares of your crops to get an **estimate of the energy** you can gain from your pruning remains.
- Add all your crops to get the total **thermal kWh you can produce**.
- The App calculates the **total covered area** you can warm **expressed in m<sup>2</sup> or m<sup>3</sup>**.
- The App calculates the corresponding need for traditional fuels and its costs.



### HOW MUCH I CAN HEAT UP

- Enter the m<sup>2</sup> of residential buildings, the m<sup>3</sup> of industrial buildings and the m<sup>2</sup> of the greenhouses you want to heat up.
- You get an estimate of **your energy needs** expressed in thermal kWh.
- After selecting the available crops, the App **determines the field surface** needed to meet the previously estimated energy needs.
- The App can also calculate the corresponding need for traditional fuels and its costs.



### HOW MUCH I CAN SAVE

- **Enter the costs you usually pay** for warming with traditional fossil fuels like Diesel oil, LPG or natural gas.
- The App turns this information into the amount of energy you have used, expressed in thermal kWh.
- You get an estimate of the **crop surface necessary** to generate the same amount of thermal energy and also an estimate of the **savings** you get for not purchasing traditional fossil fuels.





## MY ENERGY BALANCE

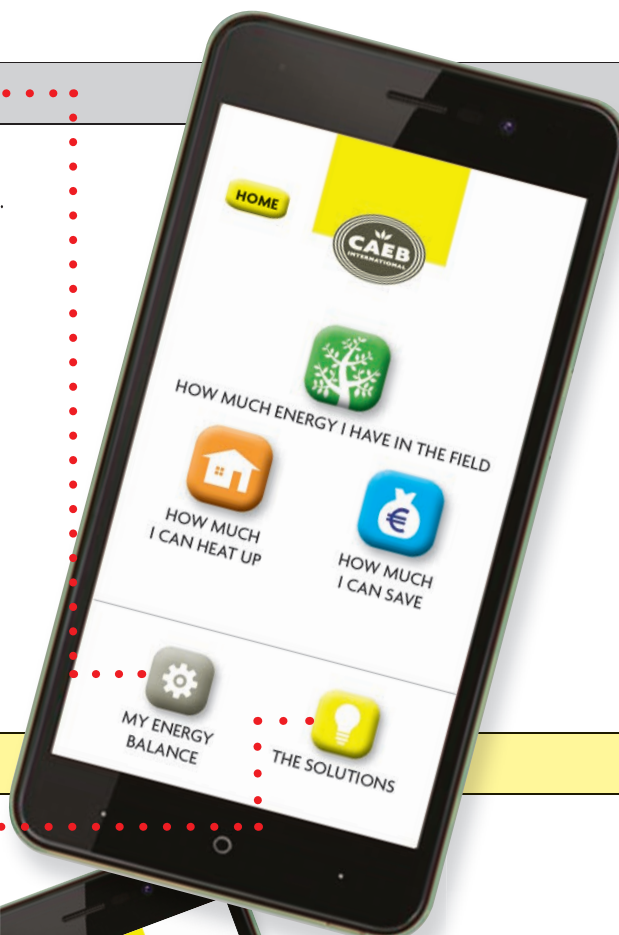
- In this section you can enter your company data and replace some standard parameters with others more related to your farm. The **energy balance** you get **will be tailored to you**.
- If the result is an **energy surplus**, the App determines how many more m<sup>2</sup> or m<sup>3</sup> you can warm with your crops.
- If the result is an **energy shortage**, the App suggests you the extra crop surface needed to fill the gap.
- Alternatively you can estimate the amount of fossil fuels you shall purchase to fill your energy shortage.



## THE SOLUTIONS

In this section CAEB INTERNATIONAL suggests its **solutions for collecting pruning remains and valuing their energy content**:

- Machines for **collecting** pruning remains in the field;
- Equipment for **turning the pruning remains** into wood chips and pellets;
- Boilers for their **combustion**.



QUICKPOWER



BALECHIPPER



BALECUTTER



EDY CHIPPER



EASYSYSTEM  
PROFESSIONAL LINE



THERMOSYSTEM  
CHIP LINE



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