TBI-Tutorial

# A Small Investment Offering Great Potential

THE DIFFERENT TBI-Tools AND OPTIONS

FOR FREE

TBI-App EASY   (For FREE)

The EASY option is the best for anyone
- Who wants to test the App
- Who only from time to time wants to inspect the insulation performance of single components

Download the TBI-App EASY from:

Available on the iPhone
App Store

ANDROID APP ON
Google play

(Requires iOS 11 up)   (Requires Android 7 up)

FOR GUESTS

TBI-App Pro   380 €/year
unlimited projects & reporting

TBI-Admin   190 €/year
administer and back up projects & create TBI-Reports

PACKAGES:

TBI-Expert   520 €/year
1 Pro + 1 Admin licence

TBI-Power   850 €/year
2 Pro + 1 Admin licence

SELECT & ORDER

FOR MEMBERS

TBI-App Pro   200 €/year
unlimited projects & reporting

TBI-Admin   100 €/year
administer and back up projects & create TBI-Reports

PACKAGES:

TBI-Expert   250 €/year
1 Pro + 1 Admin licence

TBI-Power   400 €/year
2 Pro + 1 Admin licence

SELECT & ORDER

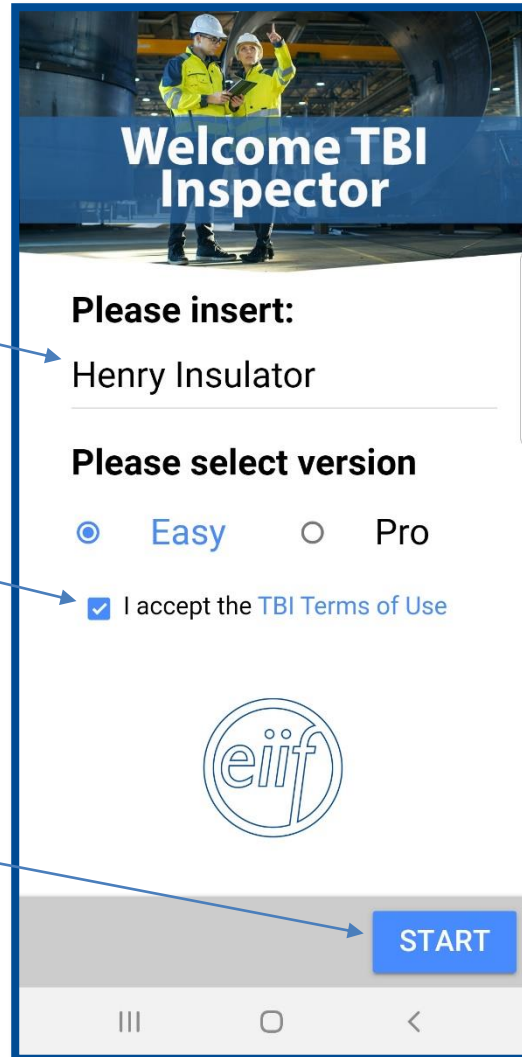# Download and Install the TBI-App on Your Device (Android Example)

Search for "TBI"
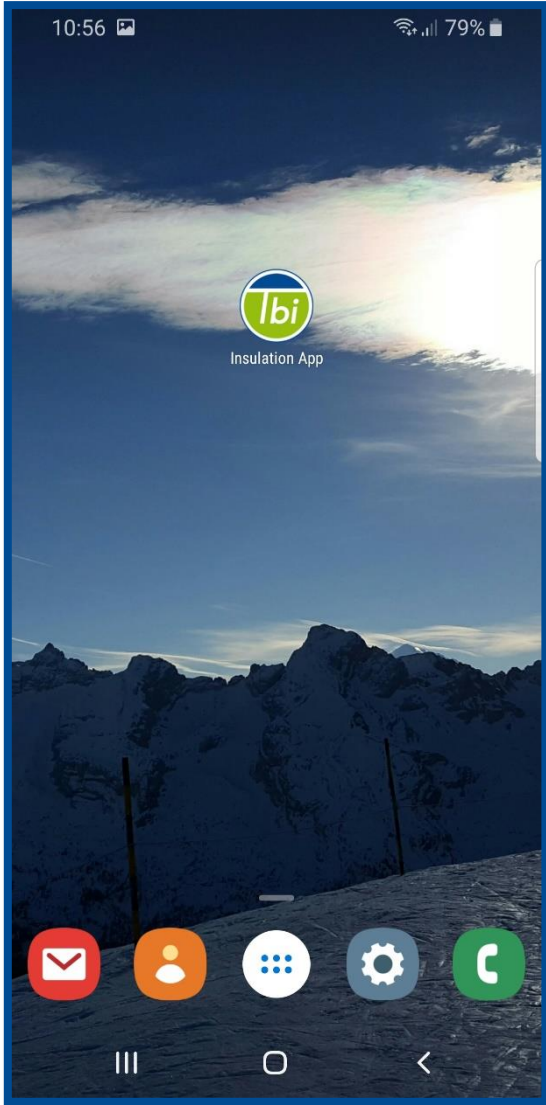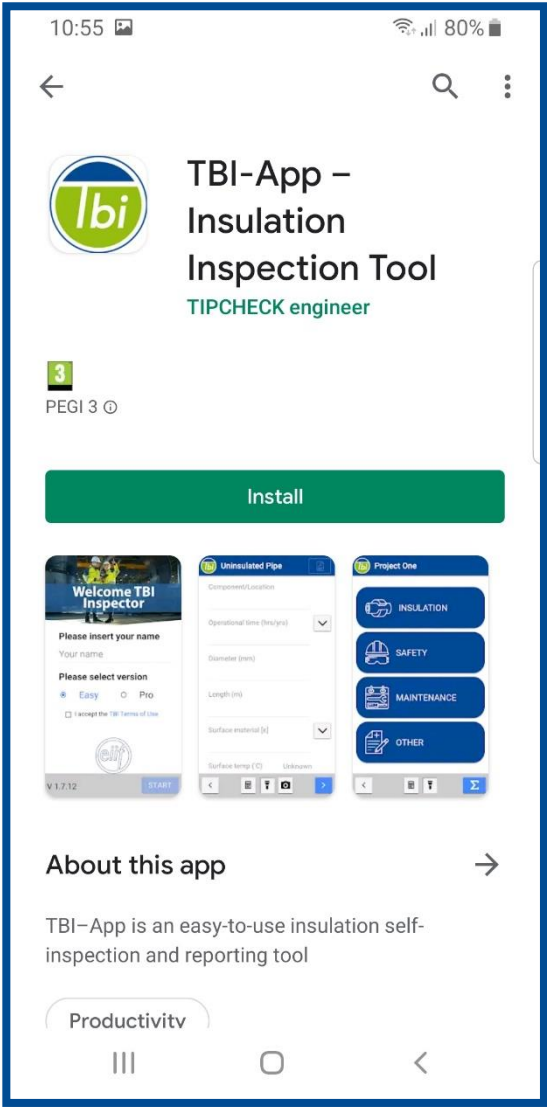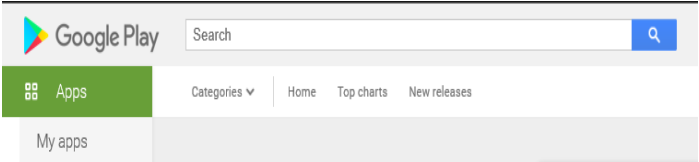
Start the TBI-App -> Insert Your Name -> Accept the ToU -> START

Insert your name

Accept the Terms of Use

Click on START

Welcome TBI Inspector

Please insert:

Henry Insulator

Please select version

◉ Easy   ○ Pro

☑ I accept the TBI Terms of Use

START

Define Your First TBI Project

Give your project a name:

- This name will also be used as the file name
  for your TBI-Report (PDF).

  ✓ *You will be able to generate the PDF directly from your mobile device.*

Insert the following project variables you need to use for this project:

1. **Energy**

2. **Units**

3. **Fuel (to calculate the CO$_2$ emissions)**

  ✓ *You will be able to change the energy price of the project (and/or the units and/or the fuel) at any time and all calculations will automatically be adjusted.*

Edit project

PROPERTIES   FILES

Name
TBI-Report Example 4.10

Currency
EUR (€)

Energy price   Units
0.03   €/kWh

CO$_2$ emissions [grCO$_2$/kWh]
Natural gas - eia [181]

Define Your First TBI Project

By clicking on the drop down menu buttons you can choose and change the

Currency

Units

Fuel to calculate the **CO$_2$ emissions**
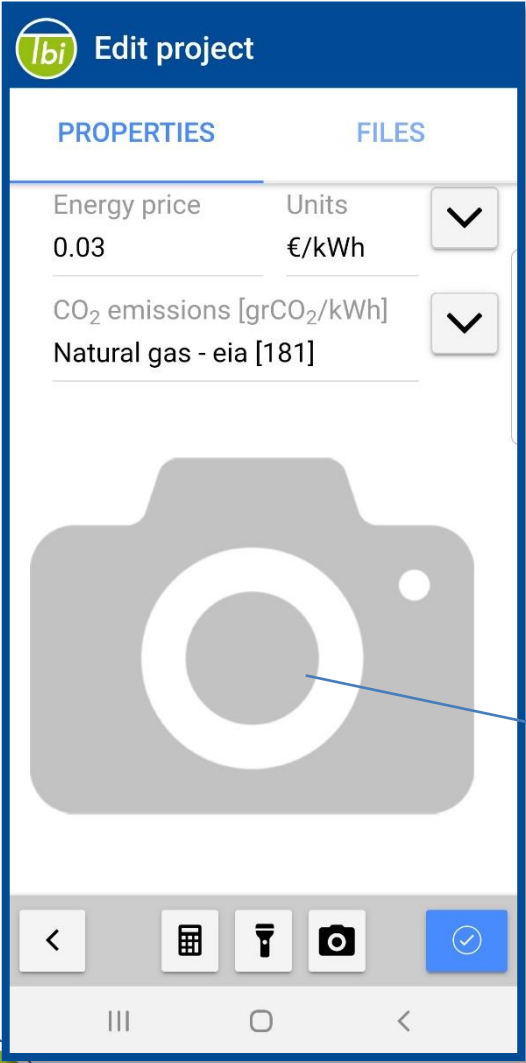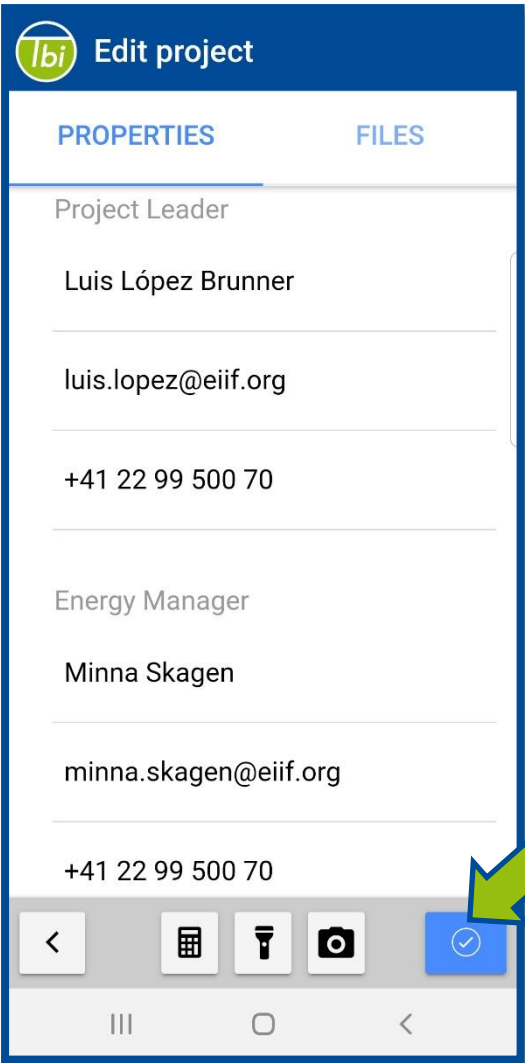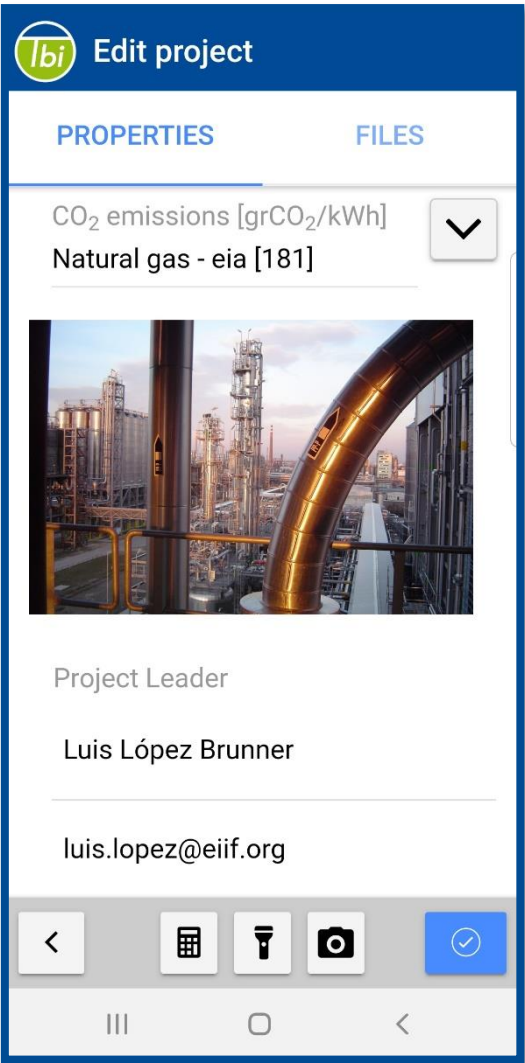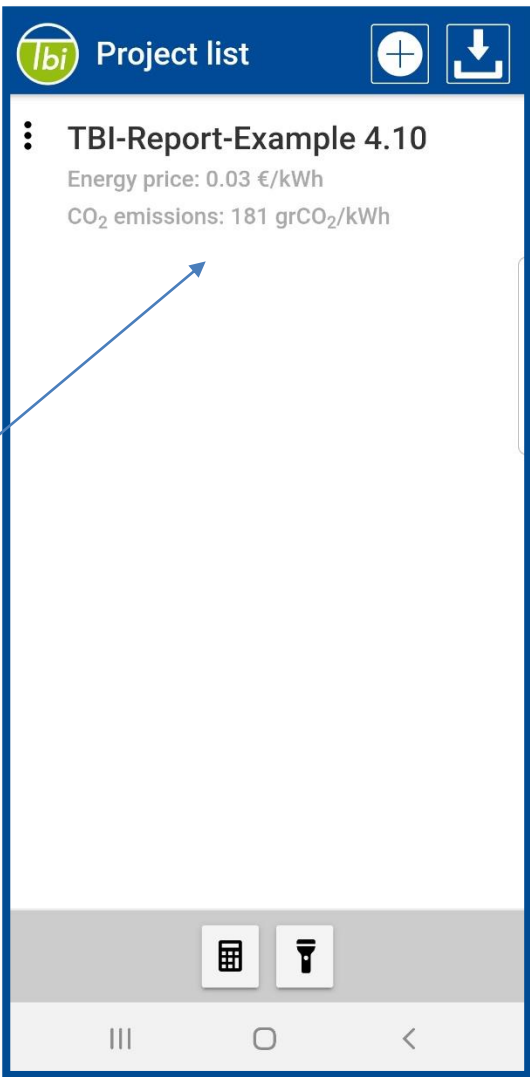
Take or Choose a Picture for Your TBI Project
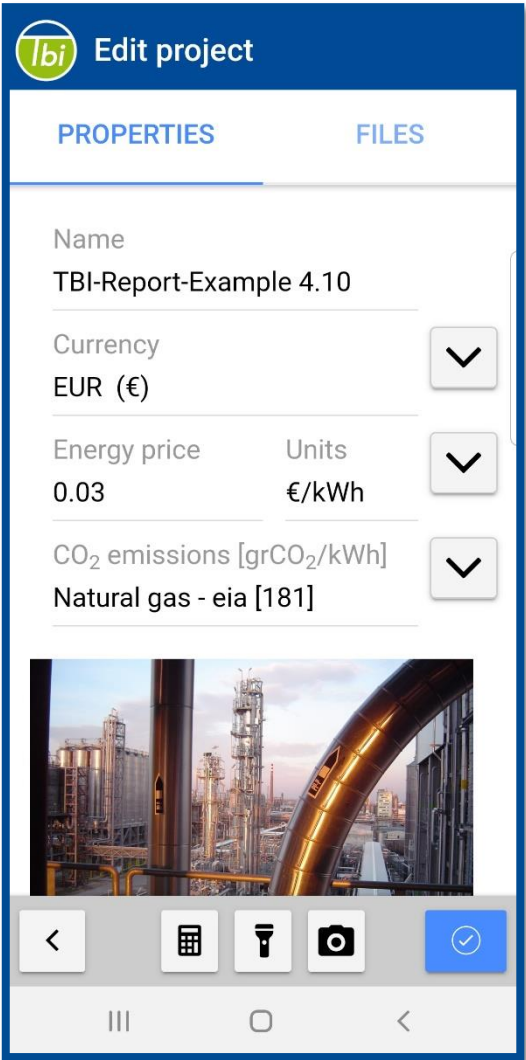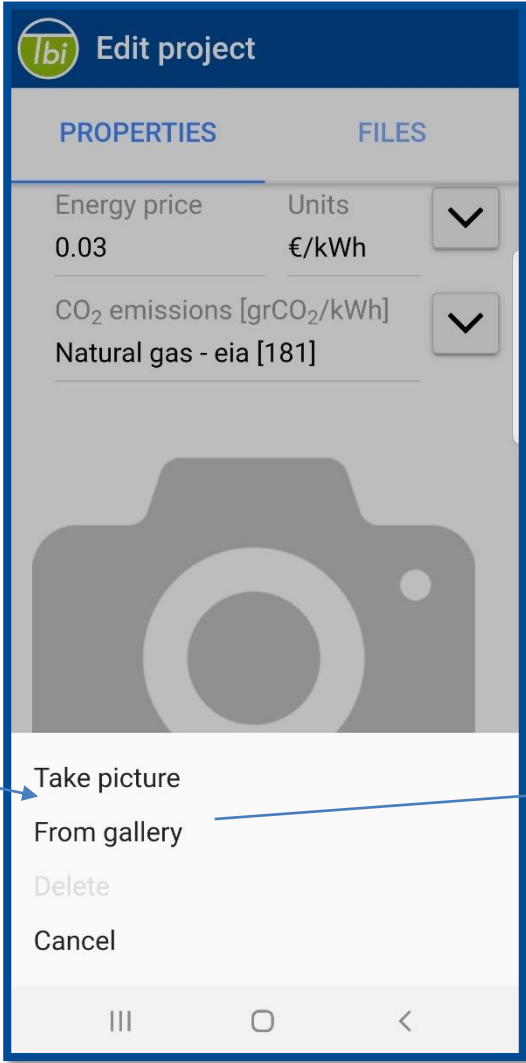
Insert Contacts and Save Your Project

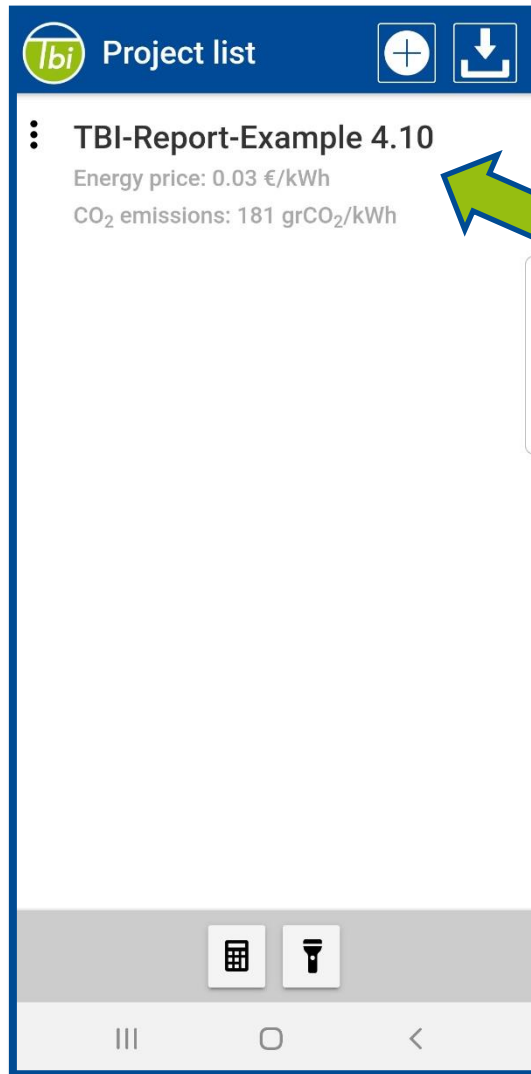By clicking on the Save button you save your project and add it to your Project list.

Estimate Your First Component

1st Component:

- Component/Location: Pipe 1 / outside
- Operational time (hrs/yrs):   8760 hours (full year)
- Diameter (mm):   610
- Length (m):   3
- Surface material [ε]:   Corroded [0.80]
- Surface temperature (°C):   250
- Ambient temperature (°C):   15

Estimate Your First Component

Click on the project and choose what kind of reporting you want to do:

Estimate Your First Component
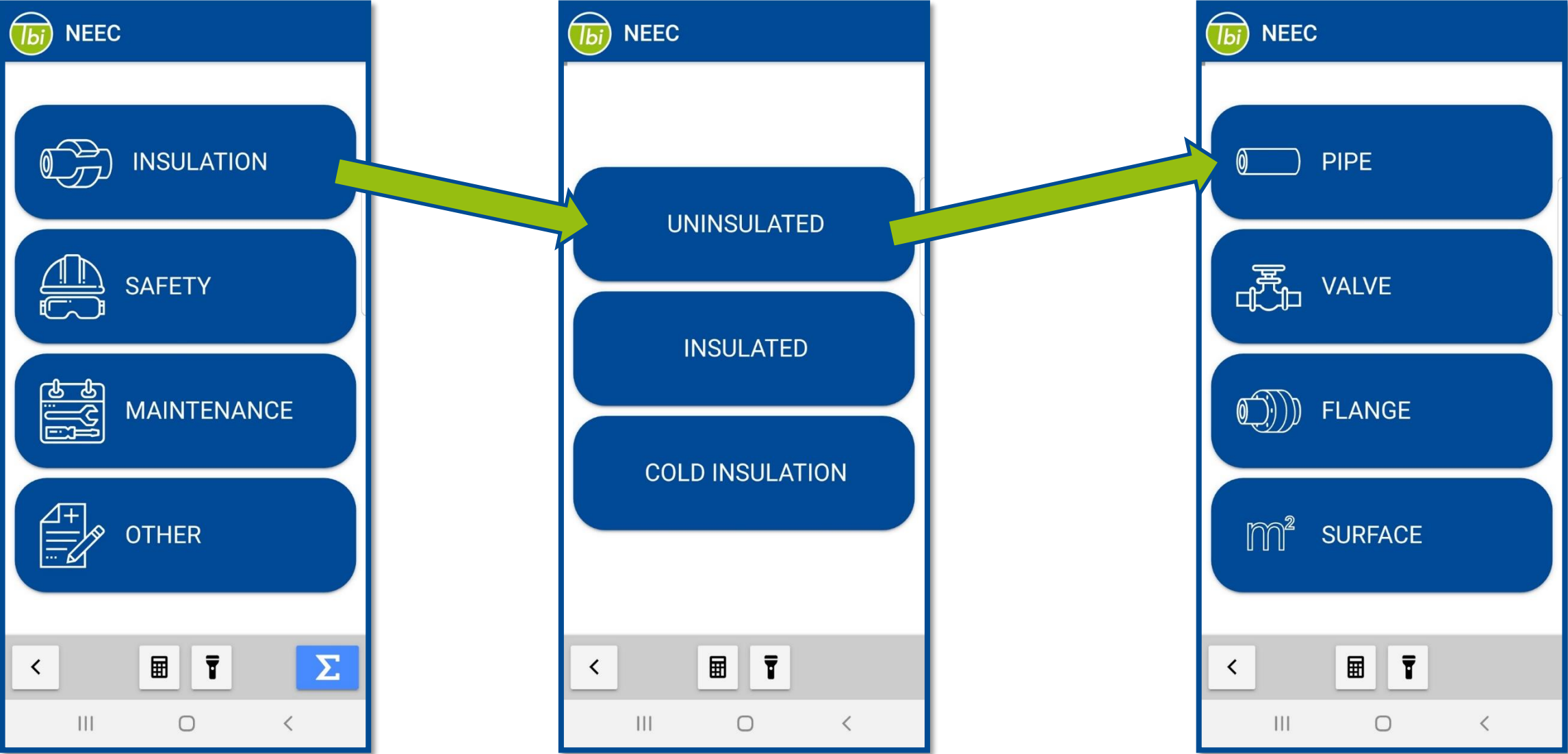
Insert Your First Component

1st Component:

- Component/Location:
  Pipe 1 / outside
- Operational time (hrs/yrs):
  8760 hours (full year)
- Diameter (mm):
  610
- Length (m):
  3
- Surface material [ε]:
  Corroded [0.80]
- Surface temperature (°C):
  250
- Ambient temperature (°C):
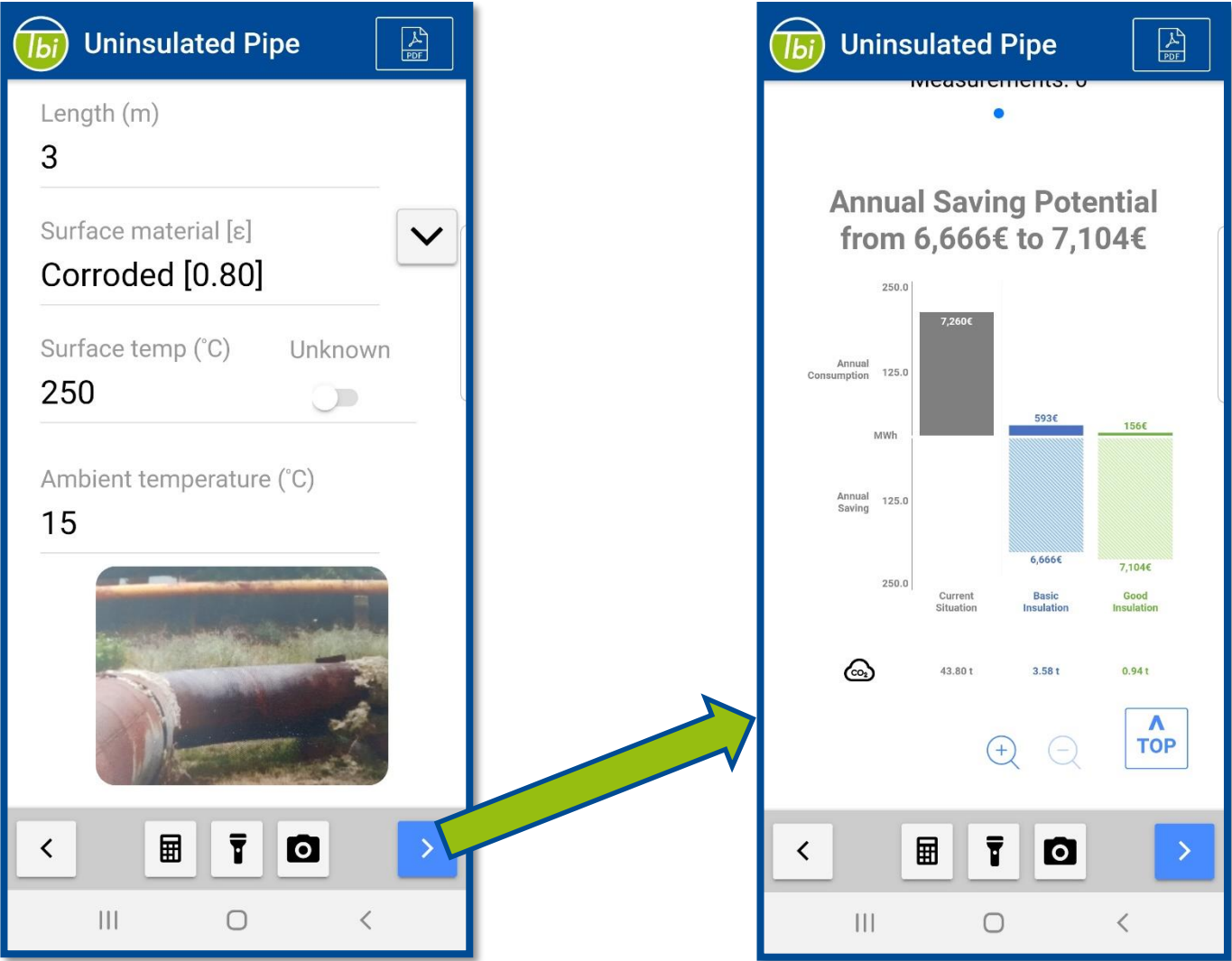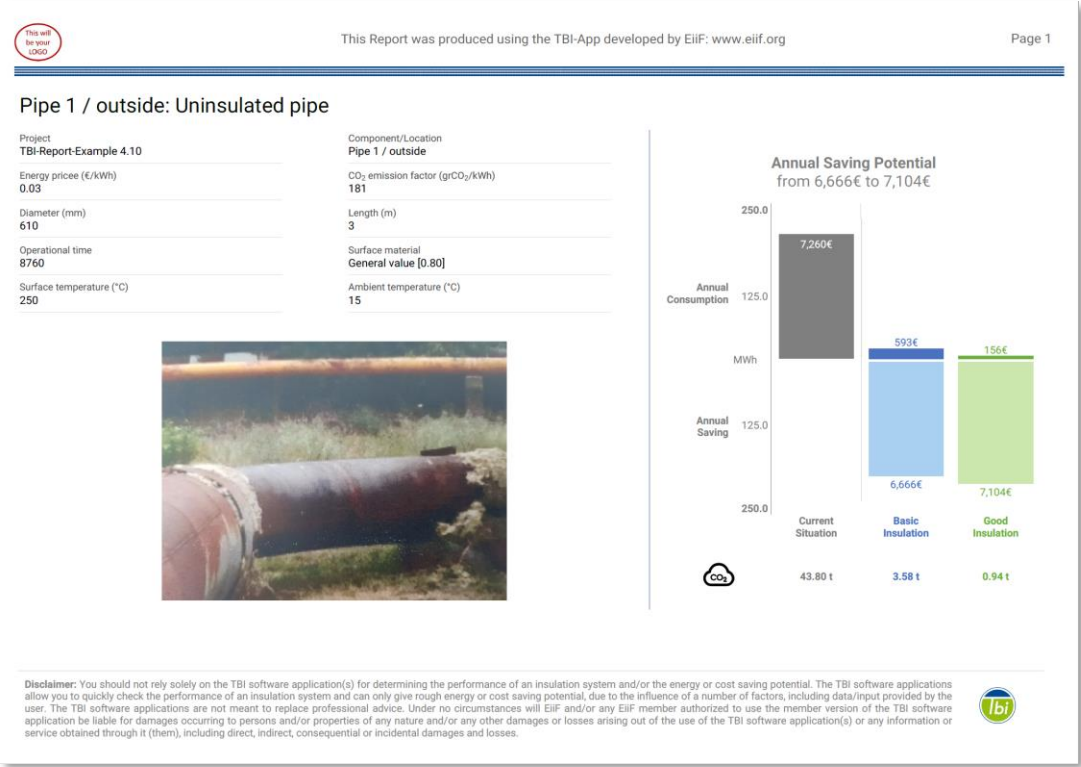 15

Complete Your First Component by Taking a Picture

Click to See Results of Your First Component

The PDF for One Component
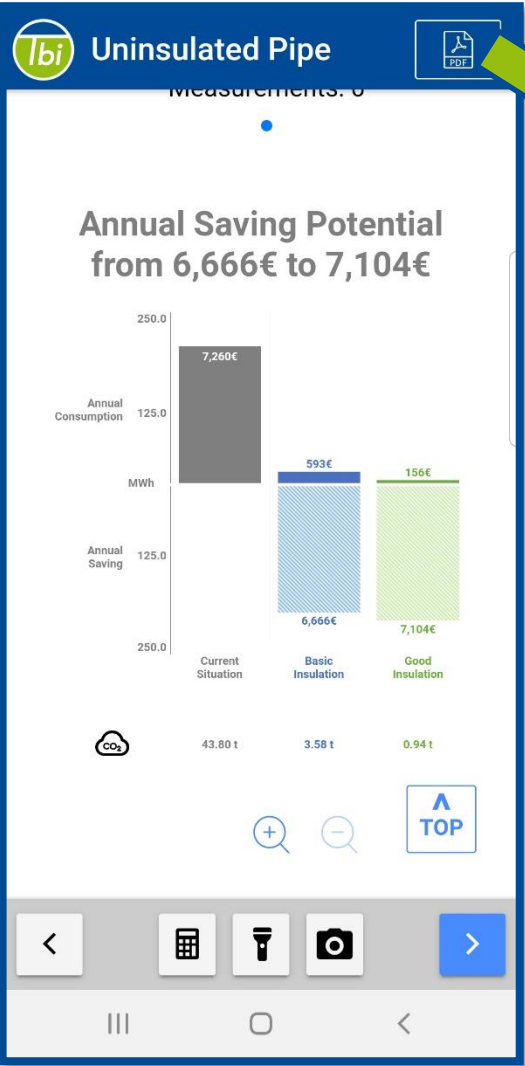
← Click on the PDF Icon to create the component PDF

The PDF

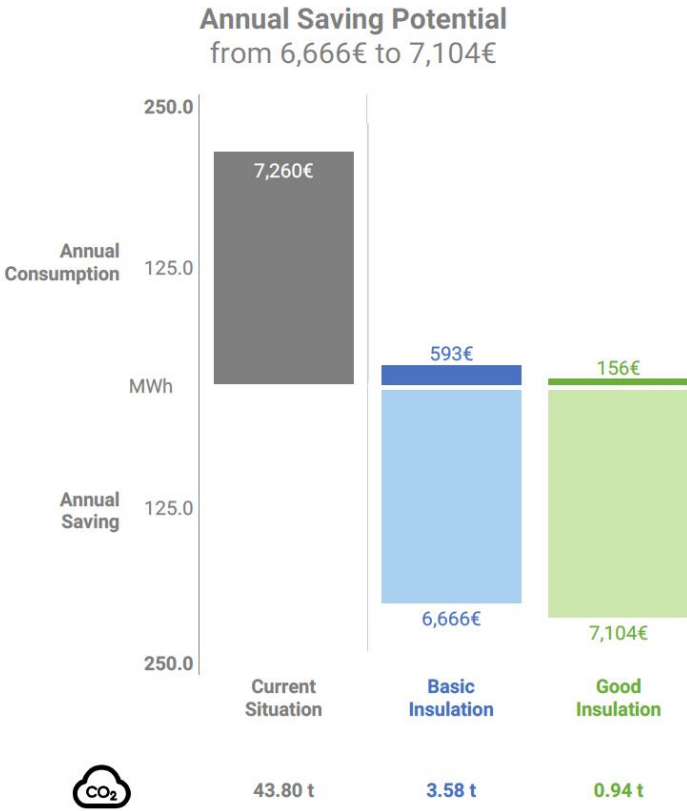This will be your LOGO

Pipe 1 / outside: Uninsulated pipe

Project
TBI-Report-Example 4.10

Component/Location
Pipe 1 / outside

Energy pricee (€/kWh)
0.03

CO_2 emission factor (grCO_2/kWh)
181

Diameter (mm)
610

Length (m)
3

Operational time
8760

Surface material
General value [0.80]

Surface temperature (°C)
250

Ambient temperature (°C)
15

Annual Saving Potential
from 6,666€ to 7,104€

	Current Situation	Basic Insulation	Good Insulation
Annual Consumption	7,260€		
Annual Saving		593€ / 6,666€	156€ / 7,104€
CO_2	43.80 t	3.58 t	0.94 t

250.0 — 125.0 — 125.0 — 250.0 — MWh

What Do You Want to Do Next?

Create Your TBI-Report

← Click on the PDF Icon to create the component PDF with your own corporate logo and contact details

Enjoy Using the TBI-App
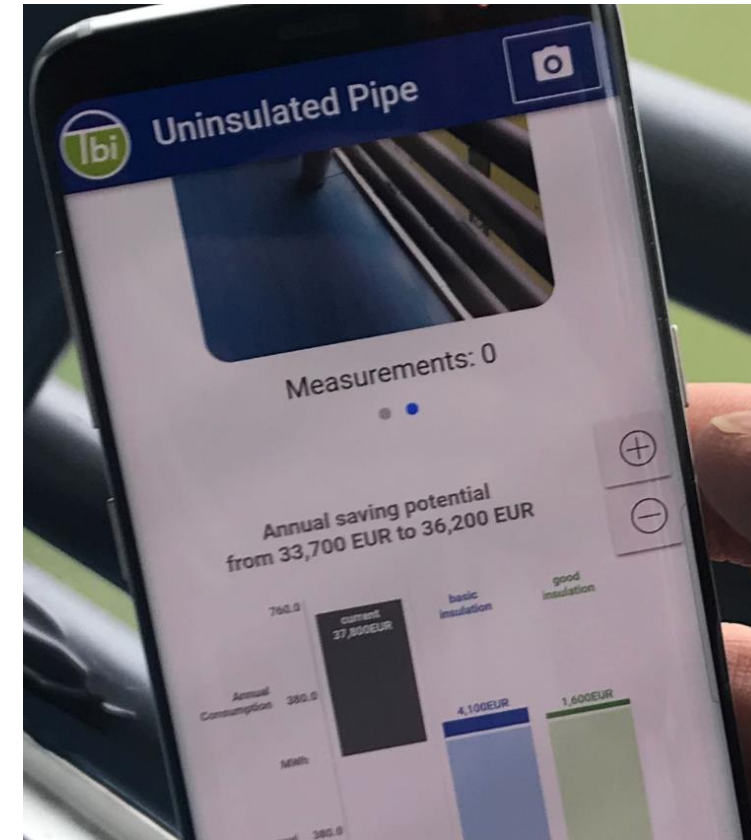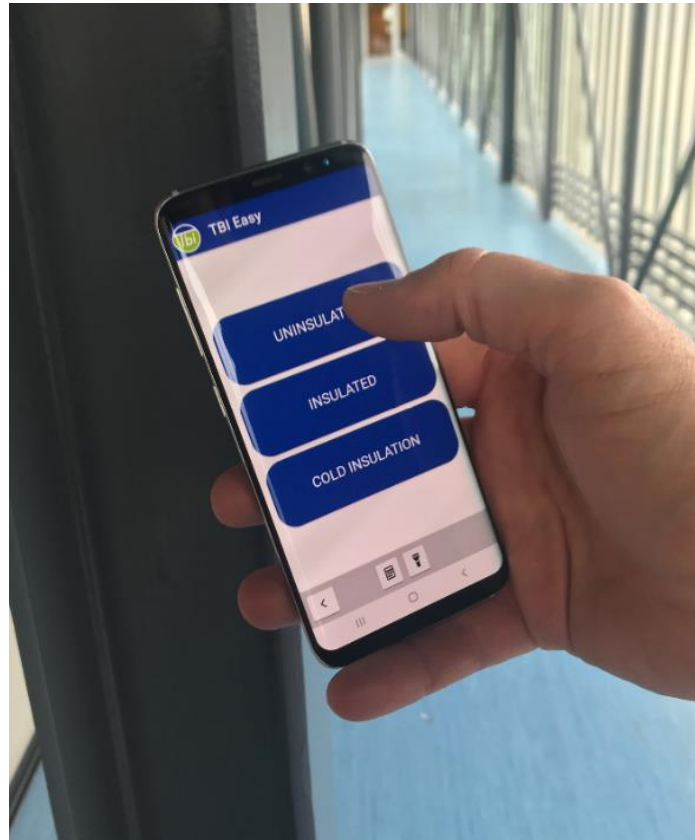
Contact

European Industrial Insulation Foundation

Avenue du Mont-Blanc 33

1196 Gland (Geneva)

Switzerland

T: +41 22 995 00 - 70

F: +41 22 995 00 - 71

E: tbi@eiif.org

www.eiif.org