



IQ TECH Solution Ltd., Gibraltar
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GUEST ARRIVAL AND DEPARTURE

GUEST ARRIVAL



1 THE GUEST ARRIVES

The guest is arriving at camping's reception.

The camping staff is performing the check-in formalities.



2 QR CODE

After check-in, the GreenTribe system generates the QR code for guest usage.

The QR code can be printed automatically at the reception and/or can be emailed as a link.



3 SCAN THE QR CODE

The guest can scan the QR code using his mobile phone or can click the link in his email to download the GreenTribe mobile App from App Store or Google Play.



4 DOWNLOAD THE APP AND SCAN THE CODE

After the GreenTribe mobile App is downloaded, the guest will scan again the QR code or will enter the passcode from his email to start using the app.



GUEST DEPARTURE



CHECKOUT 1

The camping staff is performing the check-out formalities.

2 THE SYSTEM SHUTS DOWN

The GreenTribe system is shutting down automatically the guest's access for all camping facilities. The guest can't use anymore the application until the next check-in.



3 THE DATA IS STORED

Historical data regarding the guest energy/water consumption are stored for later-on statistic purpose.





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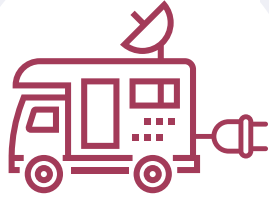
ENERGY MANAGEMENT

SCENARIO A – USING RELAYS WITH METERING CAPABILITIES



1 CONNECTING WITH THE HOOKING POINT

The guest is connecting his camper/motorhome at the electrical hooking point without assistance from the camping staff.



2 INFORMATION ON THE PHONE

Using his mobile phone, the guest can see the following information regarding energy consumption:

- Energy consumed during the stay in kWh and EUR
- Energy consumed today and yesterday in kWh and EUR
- Current power in kW
- Total amount of CO2 emission generated.

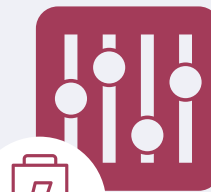
3 RECEIVE NOTIFICATIONS

The guest can also choose to receive notifications on his mobile phone when the energy consumption has reached a specific amount (eg. more than 20 EUR spent for energy during the stay).



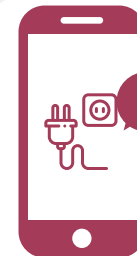
4 POWER CONTROL

If the power absorbed is greater than one specific value (eg. 10 Amperes) for more than 5 minutes, the GreenTribe system notifies the guest.



5 NOTIFICATION IF THE ABSORBED IS GREATER THAN PLUG MAXIMUM LIMIT

If the power absorbed is greater than plug maximum limit (eg. 16 Amperes) the GreenTribe system notifies the guest and the camping staff.





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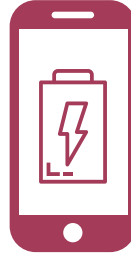
ENERGY MANAGEMENT

SCENARIO B – ENERGY MANAGEMENT USING SMART BREAKERS WITH METERING CAPABILITIES



1 CONNECTING WITH THE HOOKING POINT

The guest is connecting his camper/motorhome at the electrical hooking point without assistance from the camping staff.



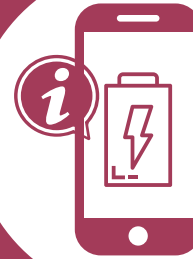
2 POWER UP USING THE PHONE

At any moment, the guest can power up using his mobile phone.

3 INFORMATION ON THE PHONE

Using his mobile phone, the guest can see the following information regarding energy consumption:

- Energy consumed during the stay in kWh and EUR
- Energy consumed today and yesterday in kWh and EUR
- Current power in kW
- Total amount of CO2 emission generated.



4 CUT THE POWER

At any moment, the guest can cut down the power or power up using his mobile phone.



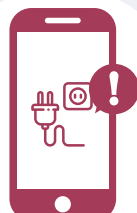
5 RECEIVE NOTIFICATIONS

The guest can also choose to receive notifications on his mobile phone when the energy consumption has reached a specific amount (eg. more than 20 EUR spent for energy during the stay).



6 ALARMS

If the powered absorbed is greater than one specific value (eg. 10 Amperes) for more than 5 minutes, the GreenTribe system notifies the guest.



7 ALARMS

If the powered absorbed is greater than one specific alarm value (eg. 14 Amperes) for more than 1 minute, the GreenTribe notifies the guest and the camping staff.

8 ENFORCEMENT

If the powered absorbed is greater than plug maximum limit (e.g. 16 Amperes) the GreenTribe system notifies the guest, the camping staff and shuts down the energy supply for 10 minutes.



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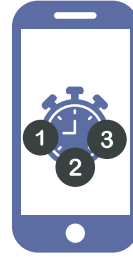
WATER



1 SCAN THE QR CODE

Using his mobile phone, the guest scans the QR code for one specific shower or wash trough (facility).

The QR code is applied in a visible place in immediate proximity of the facility.



2 SELECT FOR HOW MANY MINUTES YOU WANT TO USE IT

If the facility is not Out of Order, the guest can select for how many minutes he wants to use it.

The GreenTribe system will show-up to 3 pre-define time periods: 1, 2 and 4 minutes. These values can be customized for each facility and facility type.

If the facility is Out of Order the guest will get an info message on his mobile app.

3 USE THE FACILITY

The water valves are turning on and the guest can use the facility.



4 ADJUST THE WATER

The guest can turn on/off and adjust the water flows and temperature using the water taps.

5 TIME UP

After the timing is up the water valves turns off.



6 RECEIVE A NOTIFICATION

The guest receives a reminder on his mobile phone to turn off the water taps. He can also extend the timer with 1 or 2 minutes using a simple click.



7 NEXT CUSTOMER

After 10 seconds the facility will be ready for usage for the next customer. This timing can be customized for each facility and facility type.



8 CONTROL THE WATER CONSUMPTION

The guest can also choose to receive notifications on his mobile phone when the water consumption has reached a specific amount (eg. more than 10 EUR spent on water during the stay).





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LAUNDRY



1 CHECK IF ANY MACHINE IS AVAILABLE

Using the mobile phone, the guest can see if washing or tumble machines are available.

If none is available, the guest can see and reserve the next vacant time slot.



2 SCAN THE QR CODE

Using the mobile phone, the guest is scanning the QR code for one specific washing or tumble dry machine.

The QR code is applied in a visible place on the machine.

3 SELECT USAGE TIME

If the appliance is not Out of Order or isn't already in use, the guest can select the number of minutes. The system will show-up to 3 pre-defined time periods: 60, 90 and 120 minutes. These values can be customized for each appliance taking in consideration their working cycles.



4 START USING IT

The appliance is powered up and from this moment the guest can use it.

5 SELECT THE PROGRAM

The guest can select the desired washing or tumble dry program.



6 RECEIVE A NOTIFICATION

After the timing has up the system is cutting off the power and the guest is receiving a notification on his mobile.



7 FINISHED

If the washing cycle has been finished before the timing the guest is also receiving a notification that his laundries are washed.



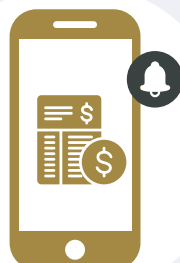
8 PICK THE LAUNDRY

The guest is pickin up the laundries and he confirms on his mobile phone that the machine can be used by the next guest. When the timing is up the system is automatically changing the status of that appliance to further use by other guests.



9 CONTROL THE LAUNDRY EXPENSES

Also, the guest can choose to receive notifications on his mobile phone when the laundry expenses have reached a specific amount (e.g. more than 10 EUR spent during the stay).





SECURITY



"For more information, please contact us:
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Secured access control using QR codes for various scenarios inside camping

1 VIP AREAS

Private bathrooms, SPAs, and other private areas.



2 CAMPING ENTRANCE

Camping barrier/bollard (car access) and camping gate (pedestrian access).



3 STAFF

Restricted rooms where the access is permitted only for staff.



Specially designed for camping grounds

Easy2Use



1 SCAN

Scan the QR code using the GreenTribe App.



2 CHECK

The system is providing access based on the security policy.



3 ENTER

The electric strike/barrier/bollard is opening.



CLOSING CHECKING

4

If the access is opened for more than a predefined period, an alert is sent automatically to the camping security.

