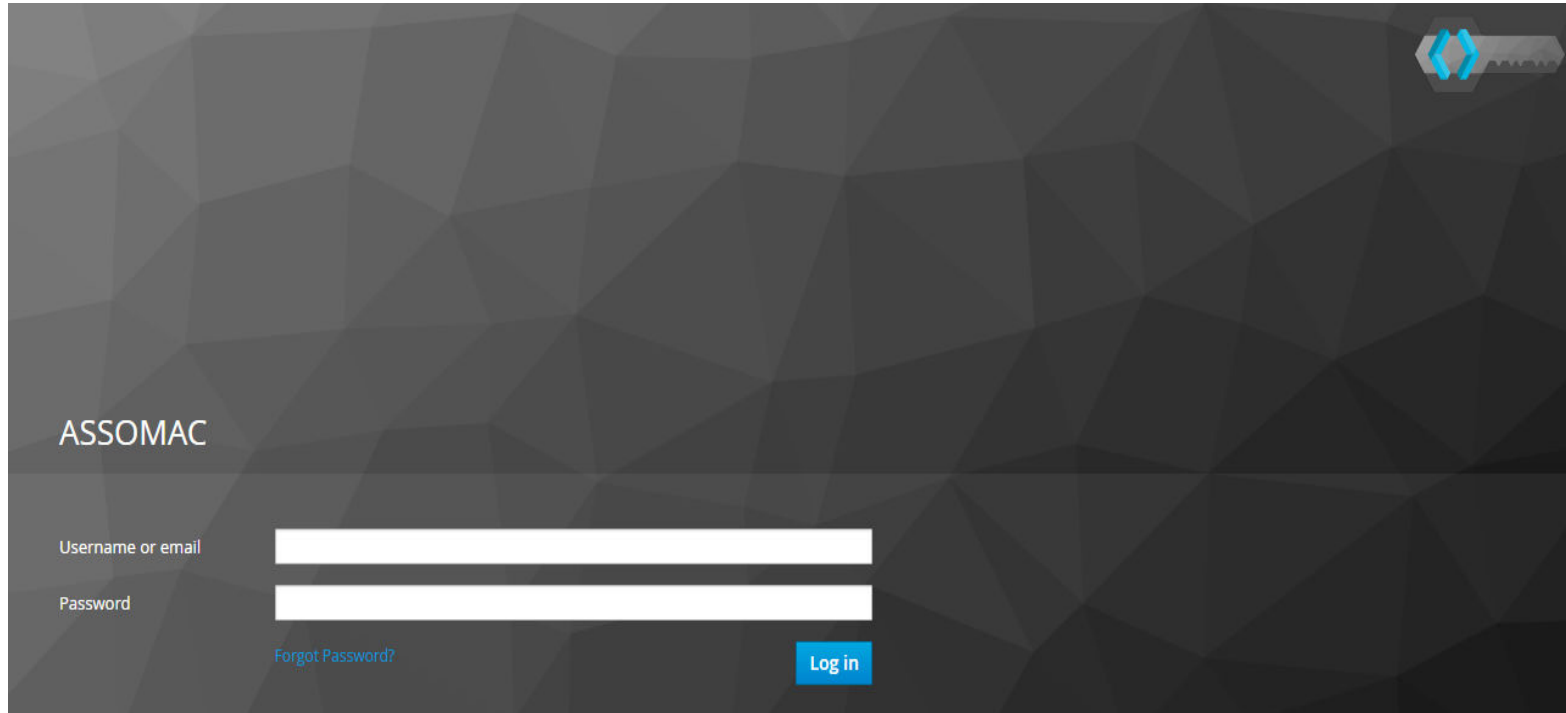


TARGA VERDE ASSOMAC TOOL INFORMATICO

Attraverso questo tool si può calcolare la quantità di emissioni equivalenti di CO₂ (***Carbon Footprint - CFP***) prodotte durante la fase di utilizzo del macchinario, e generare la *Green Label*.

Il tool permette di archiviare in area riservata tutta la documentazione e di accedere ad essa via web.

Accesso area riservata

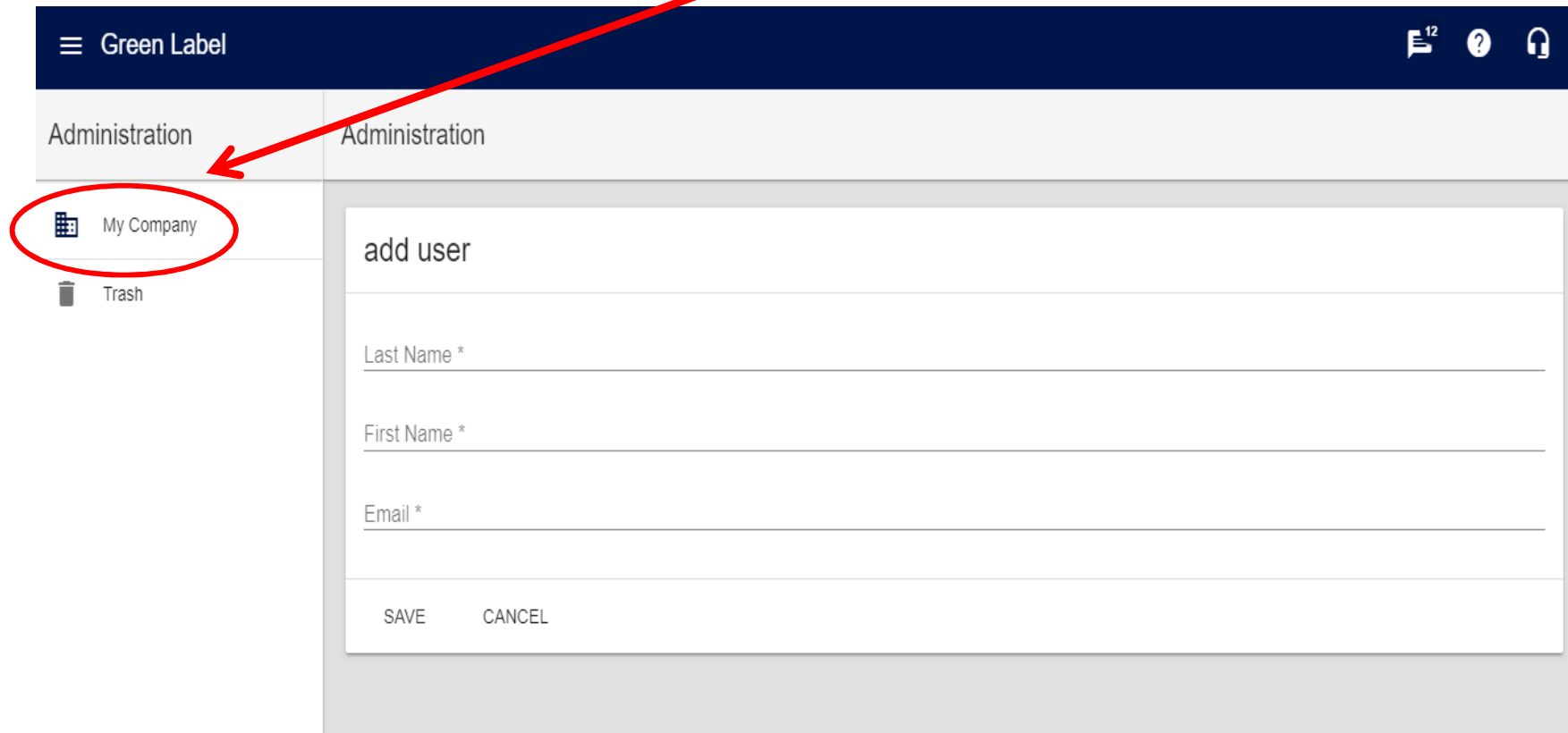
The image shows a login page for ASSOMAC. The background is dark with a geometric pattern. In the top right corner, there is a logo consisting of two blue chevrons pointing towards each other, with a grey key icon to their right. The word "ASSOMAC" is displayed in white, uppercase letters on the left side. Below the logo, there are two white input fields: the first is labeled "Username or email" and the second is labeled "Password". Below the password field, there is a link that says "Forgot Password?". To the right of the password field is a blue button with the text "Log in" in white.

Livelli utente

Esistono due livelli utente

- 1) associato (può amministrare la pagina «company»)**
- 2) membro**

Livello «associato» – My Company



The screenshot displays a web application interface. At the top, a dark blue header bar contains the text "Green Label" on the left and three icons (notifications, help, and user profile) on the right. Below the header is a light gray sidebar with a menu. The menu items are "Administration", "My Company", and "Trash". The "My Company" item is circled in red, and a red arrow points from the title above to this item. The main content area is a white form titled "add user". It contains three input fields: "Last Name *", "First Name *", and "Email *". At the bottom of the form are two buttons: "SAVE" and "CANCEL".

Green Label

Administration

Administration

My Company

Trash

add user

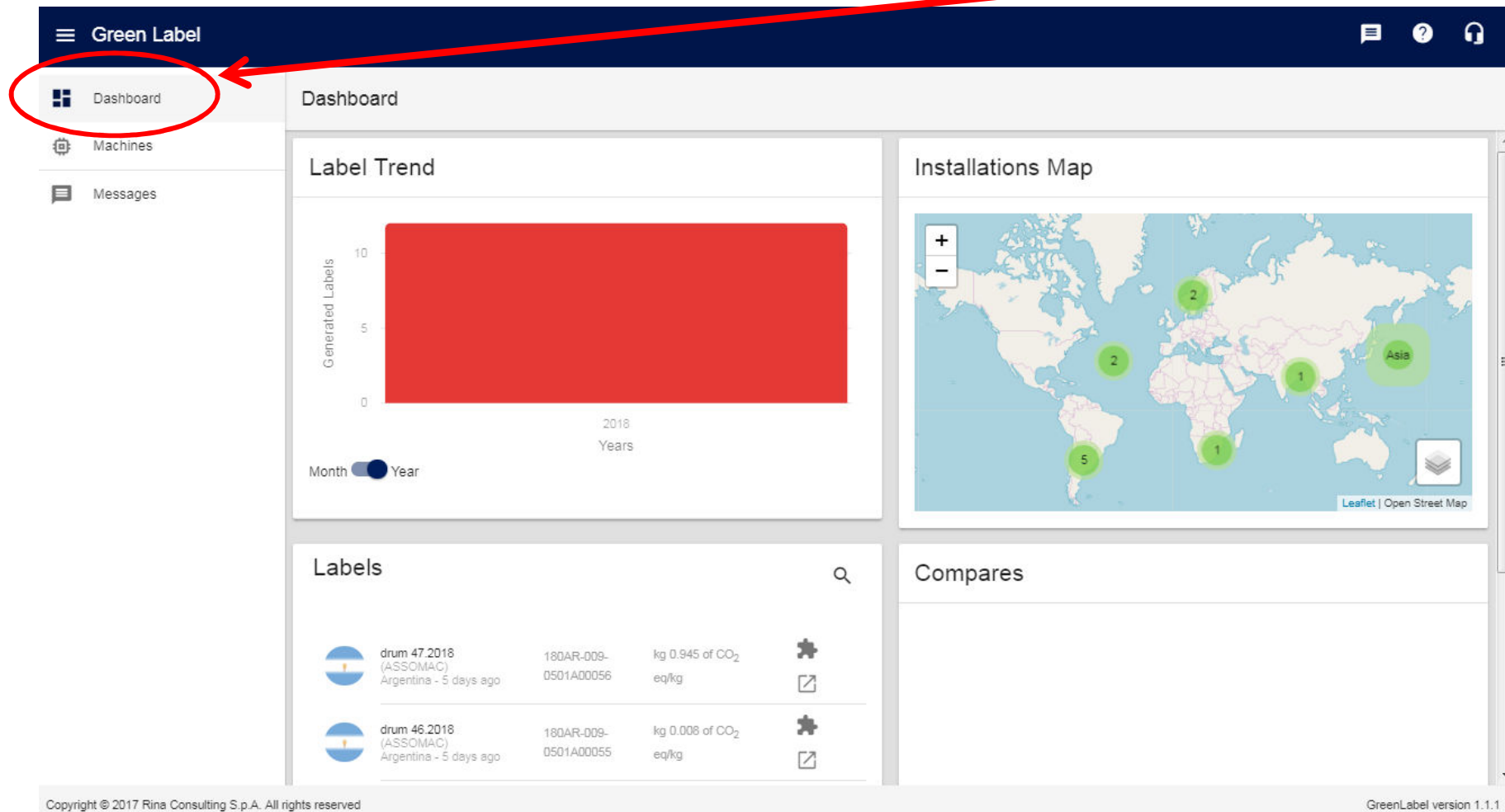
Last Name *

First Name *

Email *

SAVE CANCEL

Livello «membro» – Dashboard



Si aprono 4 blocchi grafici ripielogativi

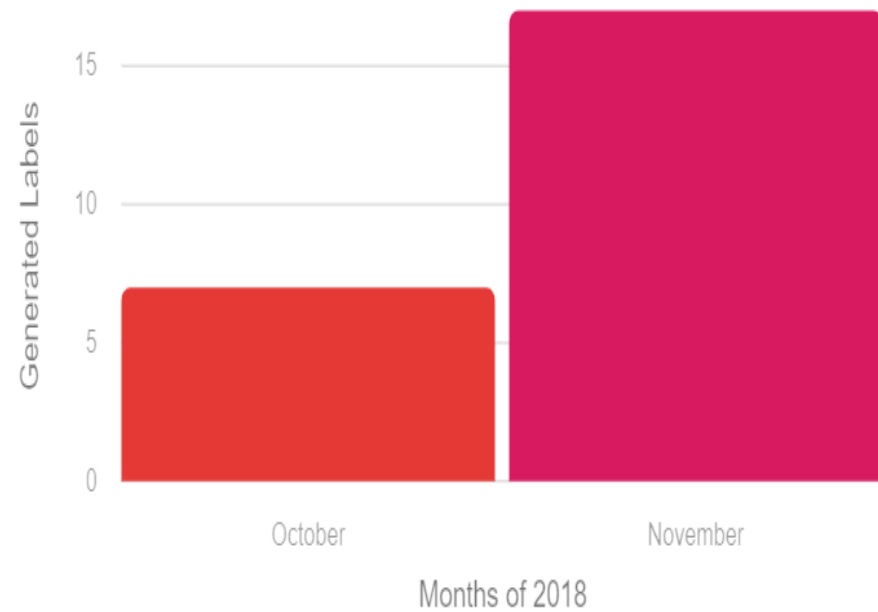
Blocco 1 – Label Trend

Label Trend



Month Year

Label Trend



Month Year

Months of 2018
Change Year
2018

Blocco 2 – Installations Map













Installations Map



Blocco 3 - Labels

Labels

← Search by label code

	f 9.2018 (Rina Consulting) Africa - 4 days ago	180Africa-000- 0202A00016	kg 0 of CO ₂ eq/kg mp		Configura macchina
					
	Prova 1.2018 (Rina Consulting) Africa - 5 days ago	180Africa-000- 0101A00015	kg 4.92 of CO ₂ eq/kg mp		Apri targa e documentazione
					
	Prova 311018 1 1.2... (Rina Consulting) North America - 5 d...	180NorthAmerica-kg 5.1 of CO ₂ 000-0101A00014	eq/kg mp		
					
	Test 03 1.2018 (Rina Consulting) France - 5 days ago	180FR-000- 0301D00013	kg 2.889 of CO ₂ eq/kg mp		
					

Codice unico della targa [Label code]

180 (anno)FR(paese) - xxx - xxxxa xxxxx

180 (anno)FR(paese)-(codice azienda)-(codice merceologico al contrario)(numero)

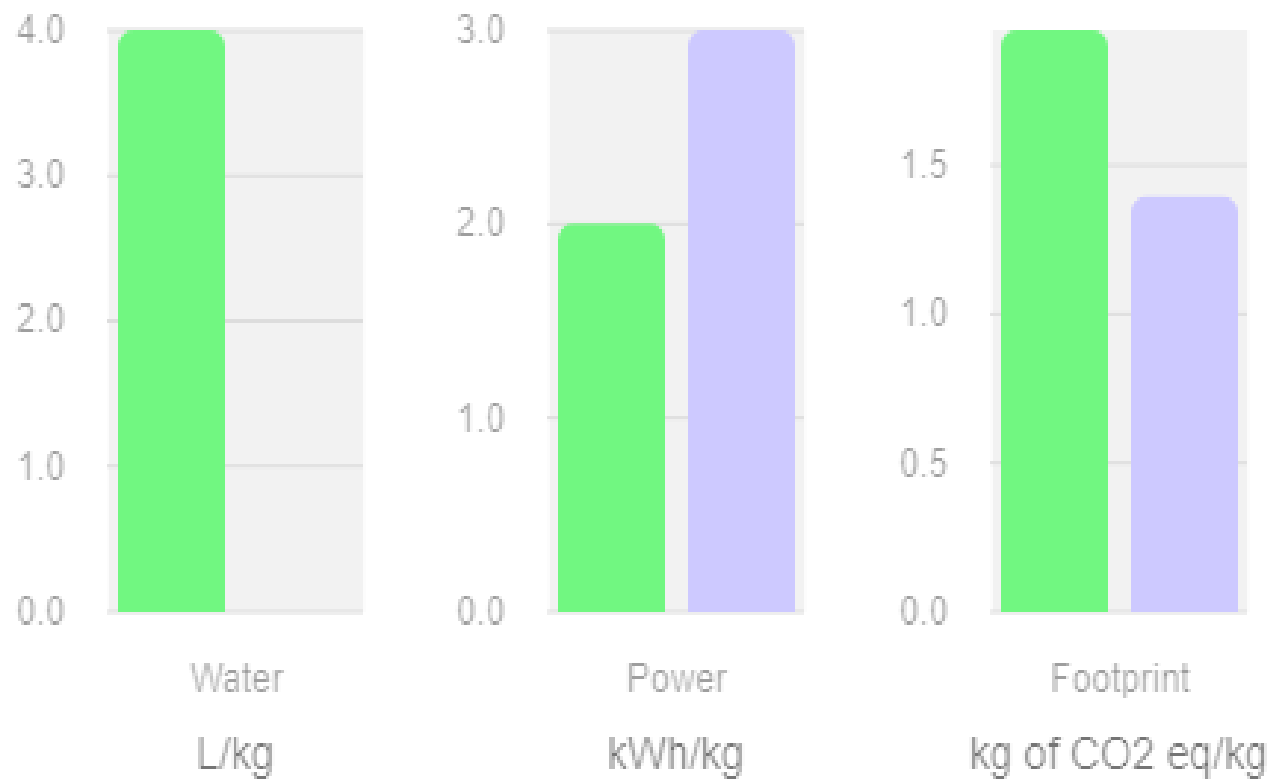
Blocco 4 - Compares

The screenshot displays the Green Label software interface. A modal dialog titled "Select Configurations" is open, showing a list of configurations grouped by machine type. The dialog indicates that 2 out of 3 configurations are selected. The configurations are:

- TANN**
 - BR456.2017
 - TANN-newconfig.2018
- TEST 2**
 - 1.2018
 - swe-4.2018
- drum**
 - (no items listed)

At the bottom of the dialog, there are two buttons: "CLOSE" and "SELECT". A red arrow points from the title "Blocco 4 - Compares" to a red circle around the "SELECT" button. The background shows a dashboard with a sidebar (Dashboard, Machines, Messages), a main content area with a map and a bar chart, and a footer with copyright information and the version number "GreenLabel version 1.1.1".

Compares



Legend - Test 01 01.2018 Test 03 1.2018

Machines

The screenshot displays the Green Label web application interface. At the top, a dark blue header contains the text "Green Label" on the left and three icons (a list, a question mark, and a headset) on the right. Below the header is a sidebar with three menu items: "Dashboard" (with a grid icon), "Machines" (with a gear icon and circled in red), and "Messages" (with a speech bubble icon). A red arrow points from the word "Machines" in the main title to the "Machines" menu item. The main content area is titled "Machines" and features a search bar with the placeholder text "Select the machine". Below the search bar is a dropdown list containing the items "ECO", "TANN", "TEST 2", and "drum". The word "LISTA" is circled in red above the search bar. In the bottom right corner of the main content area, there is a dark blue circular button with a white plus sign, and the word "NUOVA" is circled in red above it. At the bottom of the page, a footer contains the text "Copyright © 2017 Rina Consulting S.p.A. All rights reserved" on the left and "GreenLabel version 1.1.1" on the right.

Green Label

Dashboard

Machines

Messages

Machines

Select the machine

ECO

TANN

TEST 2

drum

LISTA

NUOVA

Copyright © 2017 Rina Consulting S.p.A. All rights reserved

GreenLabel version 1.1.1

Genera targa nuova – step 1

Create new Machine

The data should be related to the reference year

Progress bar with 4 steps:

- 1 Machine Data**
Define machine basic inform...
- 2 Process Data
Define machine process informa...
- 3 File Upload
Upload file specification
- 4 Summary
Recap of machine configuration

Form fields for Machine Data:

- Commercial Name *
- Location *
- Revision *
- Year *
2017-2018
- Description *
//
0/200
- Url
Enter a valid url with http or https prefix



 Operative instructions data should be referred to the reference year

 Next

Genera targa nuova – step 2

Create new Machine

The data should be related to the year 2018

Progress bar with 4 steps:

- 1 Machine Data (Define machine basic informati...)
- 2 Process Data (Define machine process informa...)** (highlighted with a red circle)
- 3 File Upload (Upload file specification)
- 4 Summary (Recap of machine configuration)

Process Descriptor

Work Cycle

Work cycle *

A - Tanning Machinery

A01 - Beamhouse machinery

A01.01 - Desalting machines

Material Processed *

Leather

Functional Unit (FU) *

kg

Installed Power *

75

Sound Emissions

kW 80

dB(A)

>=0

>0

Operating Instructions *

Choose a file...

Nota sul vapore

Operating Instructions *
doc2.pdf

>=0

>0

✕  Choose a file...

! Consumption

Water	L/FU	Power Consumption *	kWh/FU
Compressed Air	Nm ³ /FU	Compressed Air Type *	
Steam	0.0186666667	Steam Type *	Steam UM *
Natural Gas			Natural ...
Chemicals (Wet phases)			

- Process steam from natural gas 95%
- Process steam from light fuel oil (LFO) 95%
- Process steam from heavy fuel oil (HFO) 95%
- Process steam from hard coal 90%

- MJ/FU
- kg/FU
- kcal/FU
- Natural ...

Nota sui prodotti chimici

Chemicals (Wet phases)			
Calcium Hydroxide	kg/FU	Sodium Sulfide	kg/FU
Sodium Hydrosulfide	kg/FU	Chromium III Sulfide	kg/FU
		0.2867	0,06
Ammonium Sulfide	kg/FU		
Formaldehyde	kg/FU	Acetaldehyde	kg/FU

Fase umida

Chemicals (Finishing)			
Cationic Resin	kg/FU	Anionic Resin	kg/FU
		Polyurethan	kg/FU
Acrylic products	kg/FU	Waxes & Oils	kg/FU
0.04		0.04	

Rifinizione

Chemicals (Adhesives)	
Polyamides Thermoplastic Resins	kg/FU

Incollaggio scarpa

Chemicals (Other products)	
Inorganic	kg/FU
Organic	kg/FU
Custom Process Input	

Altro-non classificato

Genera targa nuova – step 3

Machine Data Define machine basic informati... | Process Data Define machine process informa... | **3 File Upload** Upload file specification | 4 Summary Recap of machine configuration

Upload several files to certify the values previously edited. Check each values certificated by uploaded file.

Istruzioni Operative_Settembre 2018.pdf

Process Descriptor

Installed Power

Sound Emissions

Consumption

Water

Power Consumption

Compressed Air

Steam

Natural Gas

Chemical Wet Phase Products

Calcium Hydroxide

Sodium Sulfide

Sodium Hydrosulfide

Chromium III Sulfide

Ammonium Sulfide

Formaldehyde

Acetaldehyde

Chemical Finishing Products

Cationic Resin

Anionic Resin

Polyurethan

Acrilic Products

Waxes & Oils

Chemical Adhesive

Polyamides Tthermoplastic Resins


Chemical Others

Inorganic

Organic

Custom Process Input

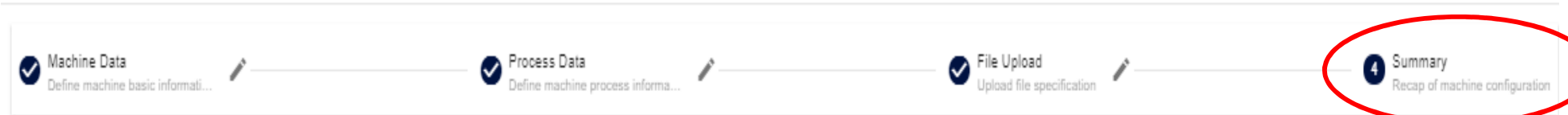
Custom Process Input

 Choose a file...

Generazione targa

Create new Machine

The data should be related to the year 2018



Green Label is ready to be generated!

click the button to start the generation of label

> Generate Label

< Prev

GREEN LABEL OF

RIR



Commercial name: Prova Product type: Desalting machines	
WORK CYCLE Short process description: Macchina per uso 1	
Processed material: Materiale 1	
ENERGY/ENVIRONMENTAL PERFORMANCES	
Installed power: 78 kW	
Electrical energy consumpt on: 4 kWh/Women shoes n 38	
Thermal energy consumpt on: 0 kcal/Women shoes n 38	
Compressed air consumpt on: N/A	
Sound emissions: 80 dB	
BOUNDARY CONDITIONS	
Locat on country: Africa	
Up-to-date data collect on (Year): 2018	
CARBON FOOTPRINT 4.92 kg of CO2 eq./Women shoes n 38	
 <small>The Carbon Footprint value refers only to the real use of the machine / plant (product on and end-of-life phases of the machine / plant are not considered) and measured through Life Cycle Assessment methodology.</small>	

180A/Rica-000-0101A0001

Nuova configurazione – Nuova installazione

«Variante» di una stessa macchina
Modifico descrizione e parametri di consumo

Modifico solo l'area geografica/paese

The screenshot shows a web interface for managing machine configurations. It is divided into several sections:

- Machines**: The main header.
- Machine configuration for Prova**: A card showing machine details for a configuration named 'Prova'. It includes a 'NEW' button circled in red, along with 'DUPLICATE', 'DELETE', and 'DELETE MACHINE' buttons.
- Installation detail for 1.2018**: A card showing installation details for configuration '1.2018'. It includes a 'NEW INSTALLATION' button circled in red.
- Configuration detail for 1.2018**: A detailed view of configuration '1.2018' with the following data:

Installed power	78 kW	↓
Sound emission	80 dB	↓
Power consumption	4 kWh/FU	↓
Operative Instruction		⏪ < 1 > ⏩

Two red arrows point from the text above to the 'NEW' and 'NEW INSTALLATION' buttons. A third red arrow points from the text above to the configuration detail table.