



assomac

NATIONAL ASSOCIATION MANUFACTURERS
OF FOOTWEAR, LEATHERGOODS
AND TANNERY TECHNOLOGIES

GMP overview APLF HK 2018

MANUFACTURING INDUSTRY **PROSPECTIVE**



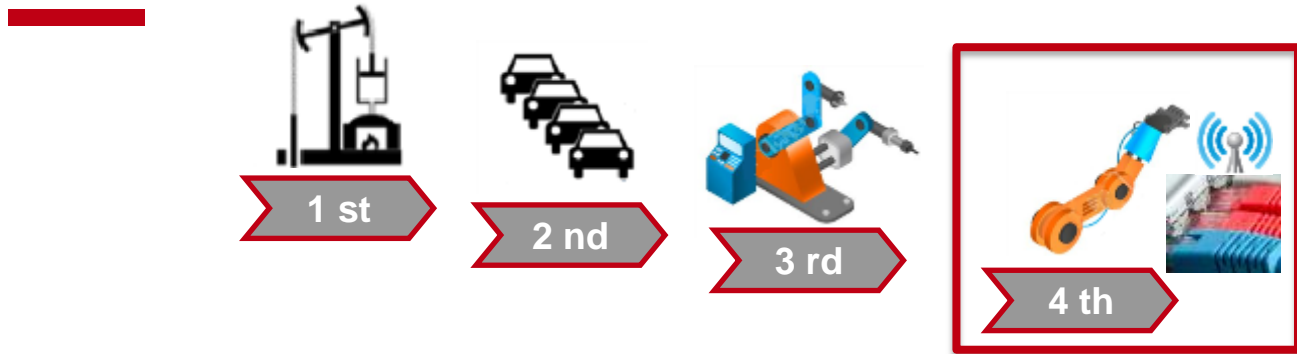


THE GREEN LABEL

GREEN LABEL OF		 Company Logo	 RIIA
PRODUCT DESCRIPTION			
Commercial name:			
Product type:			
WORK CYCLE			
Short process description:			
Processed material:			
ENERGY/ENVIRONMENTAL PERFORMANCES		CARBON FOOTPRINT kg of CO ₂ eq./Upper pair <small>The Carbon Footprint value refers to the total use of the machine's total production and use of the phases of the machine's entire life cycle (from raw material extraction through to final destination/management).</small>	
Installed power:			
Electrical energy consumption:			
Thermal energy consumption:			
Compressed air consumption:			
Sound emissions:		CARBON FOOTPRINT N.A. kg of CO ₂ eq./Upper pair <small>Previous Green Label</small>	
BOUNDARY CONDITIONS			
Location country:			
Up-to-date data collection (Year):			



INDUSTRY background

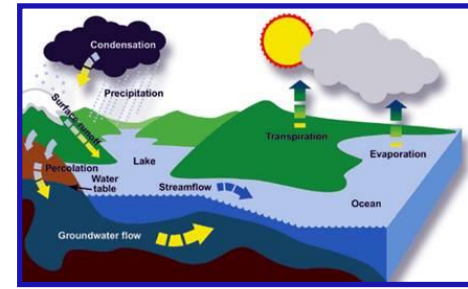


INDUSTRY 4.0



MANAGEMENT POLICY





CONSTRAINT:

- Restriction; regulations (REACH)
- Product requirements; (BRAND/OEM)



CONSUMES:

- Water preservation
- Treatment and recycling



CLIMATE CHANGE :

- Process efficiency
- Carbon footprint

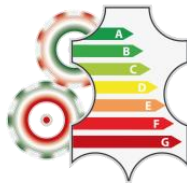




COMMUNITY:

- ❖ Labor (risk assessment)
- ❖ Social (Circular Economy)





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4.0

I ntuitive interface

N etworking into process chain

D ata exchange/communication

U ser friendly, reproducible

S erviceable, predictive maintenance

T raceability of productions

R obotic facilities

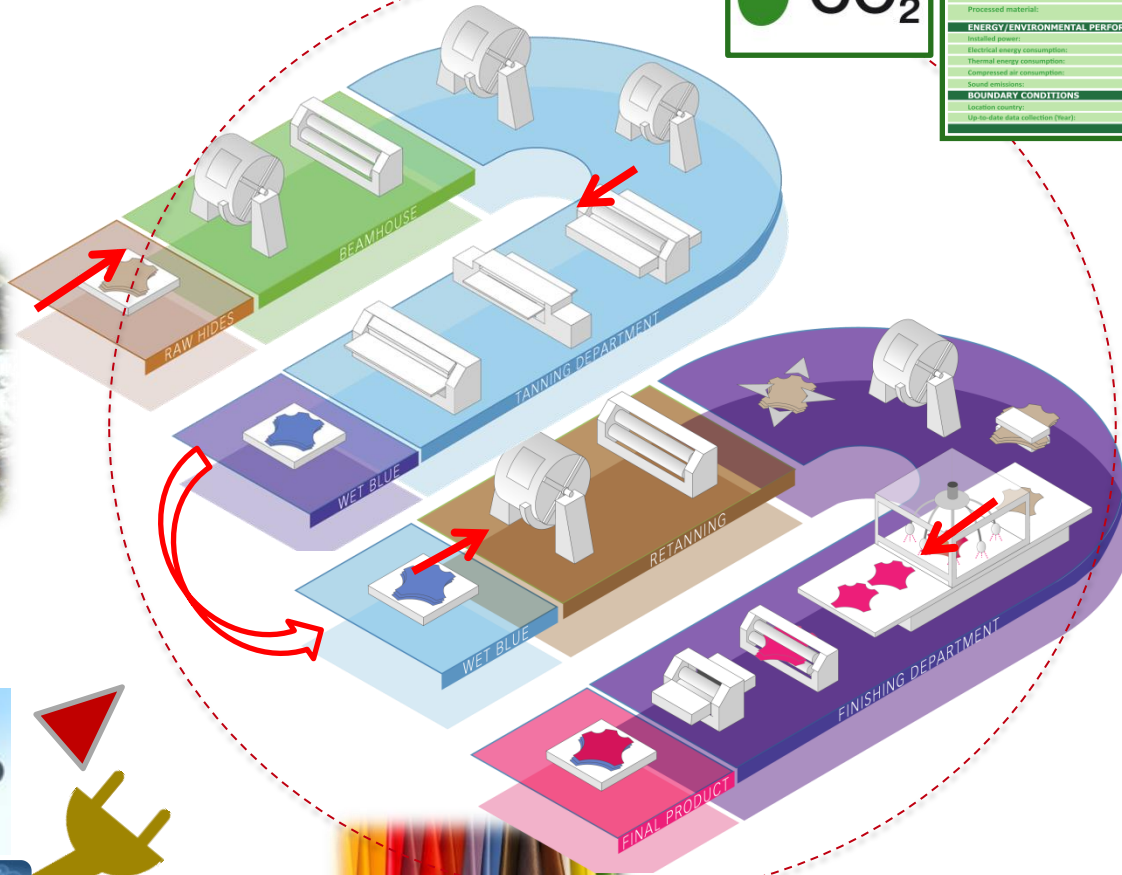
Y ield/performance and quality

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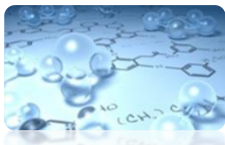




Why GMP in tannery



GREEN LABEL OF	
PRODUCT DESCRIPTION	
Commercial name:	
Product type:	
WORK CYCLE	
Short process description:	
Processed material:	
ENERGY/ENVIRONMENTAL PERFORMANCES	
Installed power:	CARBON FOOTPRINT kg of CO ₂ -eq/Upper pair
Electrical energy consumption:	
Thermal energy consumption:	
Compressed air consumption:	
Sound emitting:	CARBON FOOTPRINT N.A. kg of CO ₂ -eq/Upper pair
BOUNDARY CONDITIONS	
Location country:	
Up-to-date data collection (Year):	



30-40 m3 waste water
450-550 Kg solid waste
200 – 250 kg COD
80-100 kg BOD



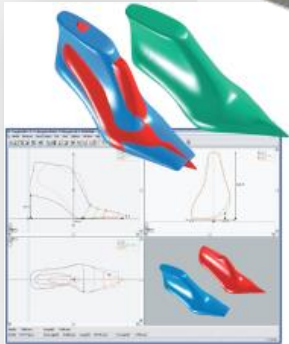
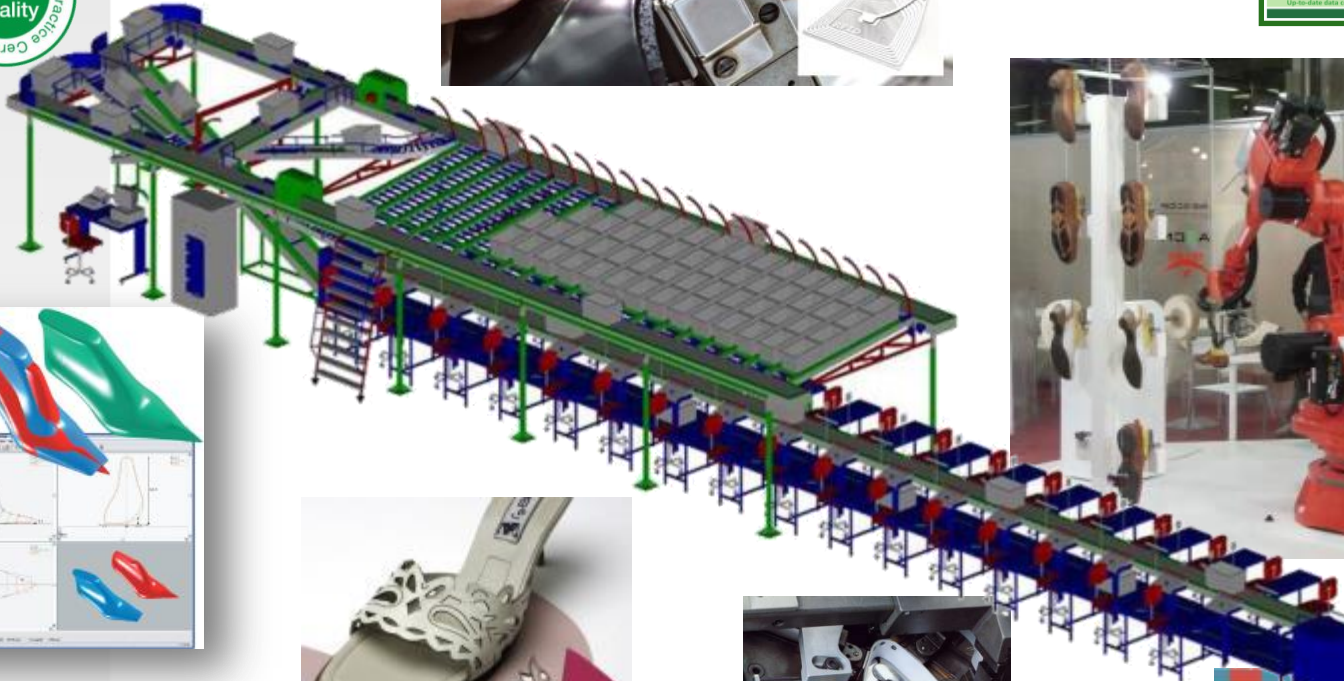
NATIONAL ASSOCIATION MANUFACTURERS OF FOOTWEAR, LEATHERWOODS AND TANNERY TECHNOLOGIES



Why GMP in footwear



GREEN LABEL OF	
PRODUCT DESCRIPTION	
Commercial name: Product type:	
WORK CYCLE	
Short process description:	
Processed material:	
ENERGY / ENVIRONMENTAL PERFORMANCES	CARBON FOOTPRINT kg of CO ₂ eq./Upper pair
Installed power:	
Electrical energy consumption:	
Thermal energy consumption:	
Compressed air consumption:	CARBON FOOTPRINT N.A. kg of CO ₂ eq./Upper pair
Sound emission:	
BOUNDARY CONDITIONS	
Location country:	
Up-to-date data collection (Year):	



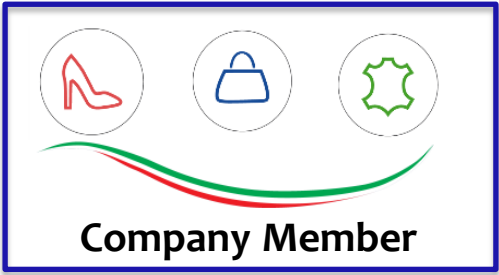
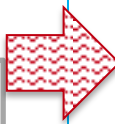
NATIONAL ASSOCIATION MANUFACTURERS OF FOOTWEAR, LEATHERWOODS AND TANNERY TECHNOLOGIES





NATIONAL ASSOCIATION MANUFACTURERS OF FOOTWEAR, LEATHERWOODS AND TANNERY TECHNOLOGIES

VOLUNTARY LABELING



ATTESTATO DI CONFORMITÀ STATEMENT OF CONFORMITY

RINA SERVICES S.p.A., sulla base delle valutazioni condotte, attesta che
RINA SERVICES S.p.A., on the basis of the assessments carried out, declares that

il processo di rilascio della targa verde "Green Label"
the process for the issue of the "Green Label"

predisposto dall'organizzazione
drawn up by the organisation

ASSOMAC
Associazione Nazionale dei Costruttori di Macchine e Tecnologie per il Settore Pelle
Via Matteotti, 4/a – 27029 VIGEVANO (PV)

è conforme ai requisiti del seguente documento di riferimento
complies with the requirements of the following reference document

Regolamento di Attuazione del progetto "Supplier of Sustainable Technologies" Ottobre 2017
Project Implementation Rules "Supplier of Sustainable Technologies" October 2017

In allegato è riportato l'elenco delle organizzazioni aderenti al progetto e l'indicazione di quelle oggetto di campionamento
The list of companies participating in the project and those sampled can be found in the attachment

Il certificato sarà oggetto di revisione ogni qualvolta durante le verifiche di sorveglianza, il campione sarà esteso ad ulteriori organizzazioni
The certificate will be subject to amendment whenever, during the surveillance audits, the sample is extended to cover additional organisations

Data di rilascio/Date of issue: 21/12/2017

Data di emissione corrente/Date of current emission: 21/12/2017

Laura Severino

Laura Severino
Sustainability & Climate Change Manager

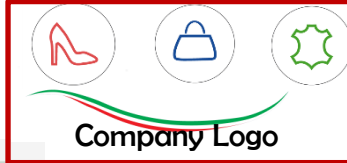


CARBON footprint:

- Process efficiency
- Impact on climate change

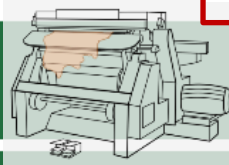


GREEN LABEL OF



PRODUCT DESCRIPTION

Commercial name:
Product type:



WORK CYCLE

Short process description:



Processed material:

ENERGY/ENVIRONMENTAL PERFORMANCES

Installed power:

Electrical energy consumption:

Thermal energy consumption:

Compressed air consumption:

Sound emissions:

} kW

Nm³

dB(A)

BOUNDARY CONDITIONS

Location country:

Up-to-date data collection (Year):

20XX

Y,XXX CARBON FOOTPRINT
kg of CO₂ eq./Upper pair



The Carbon Footprint value refers only to the real use of the machine / plant (production and end-of-life phases of the machine / plant are not considered) and measured through Life Cycle Assessment methodology

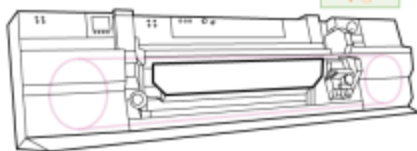
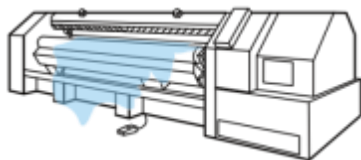
CARBON FOOTPRINT
N.A. kg of CO₂ eq./Upper pair
Previous Green Label

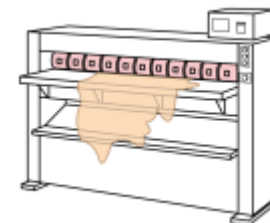
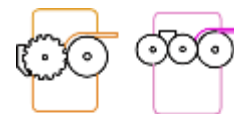
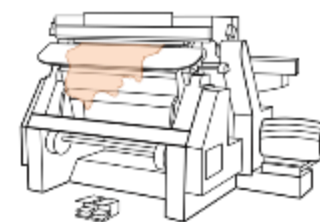
LCA





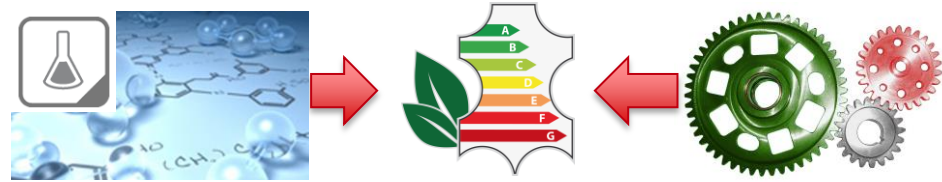
Members





NATIONAL ASSOCIATION MANUFACTURERS OF FOOTWEAR, LEATHERWOODS AND TANNERY TECHNOLOGIES

Project prospect



1° step
2018

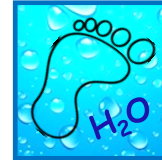
CLIMATE CHANGE :

- Process efficiency
- Carbon footprint



CONSUMES:

- Water preservation
- Treatment and recycling



CONSTRAINT:

- Restriction; regulations (REACH)
- Product requirements; (BRAND/OEM)



COMMUNITY:

- ❖ Risk assessment
- ❖ Circular Economy



CONSUMES



WATER footprint:

- Water preservation
- Treatment and recycling



INDUSTRIAL MANUFACTURING

ISO 14046 STANDARD - WATER FOOTPRINT VERIFICATION



NATIONAL ASSOCIATION MANUFACTURERS OF FOOTWEAR, LEATHERWOODS AND TANNERY TECHNOLOGIES



water footprint network

<http://waterfootprint.org/en/about-us/>



TOXICITY:

- Restriction; regulations (REACH)
- Product requirements; (BRAND/OEM)

REACH



REACH is a regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, while enhancing the competitiveness of the EU chemicals industry. It also promotes alternative methods for the hazard assessment of substances in order to reduce the number of tests on animals.

Over 100000 chemicals 10000 companies 180 SVCH

31 Maj 2018 registration dead line
1 - 100 ton/Y *production or importation*

Biocidal P



Biocidal Products Regulation

(BPR, Regulation (EU) 528/2012) concerns the placing on the market and use of biocidal products, which are used to protect humans, animals, materials or

Prior Infor



The Prior Informed Consent Regulation

(PIC, Regulation (EU) 649/2012) administers the import and export of certain hazardous chemicals and places obligations

CLP



The CLP Regulation ensures that the hazards presented by chemicals are clearly communicated to workers and consumers





SUPPLY CHAIN



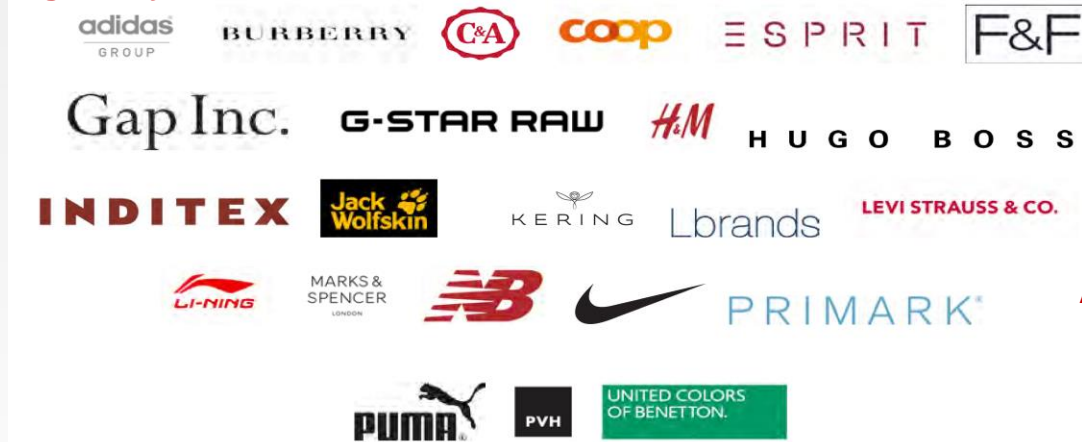
TOXICITY:

- Restriction; regulations (REACH)
- Product requirements; (BRAND/OEM)

181 SVHC
«Very Higt Concer»



Signatory brand



Value Chain Affiliates



Associates



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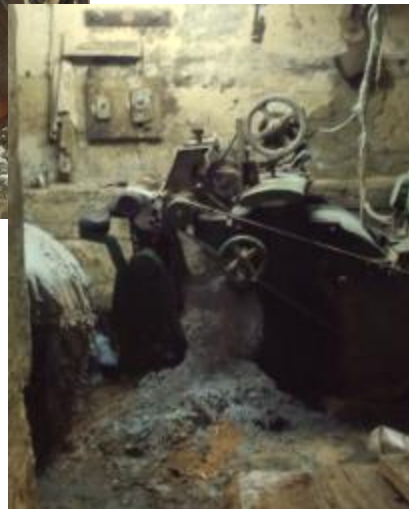
COMMUNITY



European Standards are under the responsibility of the European Standardisation Organisations ([CEN](#), [CENELEC](#), [ETSI](#)) and can be used to support EU legislation and policies.

any industrial organization should:

- **SAFETY MANAGER**
- **SERVICE OF EMERGENCY**
- **RISK ASSESTMENT DOCUMENT,**
- **TRAINING and INFORMATION**
- **MEDICAL ADVISE SERVICE**



COMMUNITY:

- ❖ Labor (risk assessment)
- ❖ Social (Circular Economy)




Sustainability Balance



The Global Reporting Initiative (known as GRI) is an international independent standards organization that helps businesses, governments and other organizations understand and communicate their impacts on issues such as climate change, human rights and corruption.

<https://www.globalreporting.org>



The screenshot shows the GRI website homepage with a navigation bar (INFORMATION, STANDARDS, SERVICES, NETWORK), a search bar, and a main banner for the 'GRI Disclosure Review Service'. Below the banner are sections for 'FEATURED REPORTS', 'GRI STANDARDS', and 'NEW TO REPORTING?'. The footer contains four columns of links: 'USEFUL PAGES', 'WHO WE ARE', 'GRI NEAR YOU', and 'WORKING TOGETHER'.





Thanks for your attention



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