



Sustainability in PPE: addressing the challenges through standardization

18th March 2021 - 9:30 to 16:00

Welcome to the Breakout Session 1C: Procurement and user needs!

We will start soon

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Andrea Rechtsteiner

representative SBS



Elena Lai

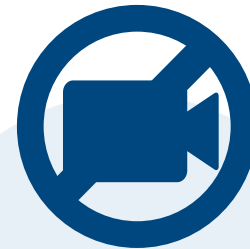
Secretary General, ETSA Europe



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1C: Procurement and user needs

Aline De Cokere City of Ghent

Dr. Enrico Bonafini Safetex

Dorota Napierska Health Care Without Harm

Matteo Nevi Assosistema Confindustria



A nighttime photograph of Ghent, Belgium, showing the city's historic architecture and a canal. The buildings are illuminated, and their lights reflect in the water. The sky is a deep blue.

gent:

Procurement of sustainable workwear



City of Ghent | Aline De Cokere

18th March 2021



Rana Plaza (Bangladesh)

Goals

- ✓ Transparant supply chain
- ✓ Guarantee human rights 
- ✓ Environmental impact 
- ✓ Stimulate innovation
- ✓ Price/quality/service
- ✓ Happy end-user 😊



Challenges

- ✓ Market maturity
- ✓ Supply chain
- ✓ Labels
- ✓ Cost
- ✓ Tender documents
- ✓ Quality
- ✓ End-users
- ✓ ...



Requirements

- ✓ Organic cotton
- ✓ Fair trade cotton
- ✓ Recycled polyester
- ✓ Supply chain
- ✓ Circular end-of-life solution
- ✓ Transport
- ✓ Packaging
- ✓ ...



Results

- ✓ Sustainable
- ✓ High quality
- ✓ Looks nice
- ✓ Reduce waste
- ✓ Follow-up necessary
- ✓ LT collaboration pays off
- ✓ Evolving market

Collaboration is key. This is why we add a fourth P to the People, Planet and Prosperity of sustainability: Partnership

gent:

Thank you!

City of Ghent

Aline De Cokere

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➡ https://stad.gent/sites/default/files/article/documents/ToolboxSocResWorkwear_1406.pdf

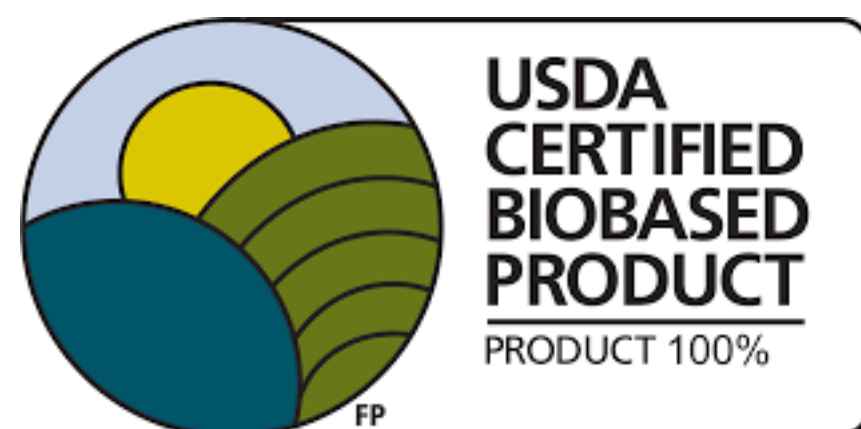
An holistic and creative approach to allow sustainability become effective and quantifiable in public administration procurement of PPE

**Regione Friuli Venezia Giulia Civil Protection corps PPE New Specs:
a case history**

Dott. Enrico Bonafini - 18th march 2021

Not a unique standard in the existing

- Many standards/approaches/certification (Blue Sign, Oeko-tex, Eco label, Green Leaf, GOTS, Bio-based etc)
- All were considered interesting, but enlightening a part
- Cost/time too high for manufactures if all applied



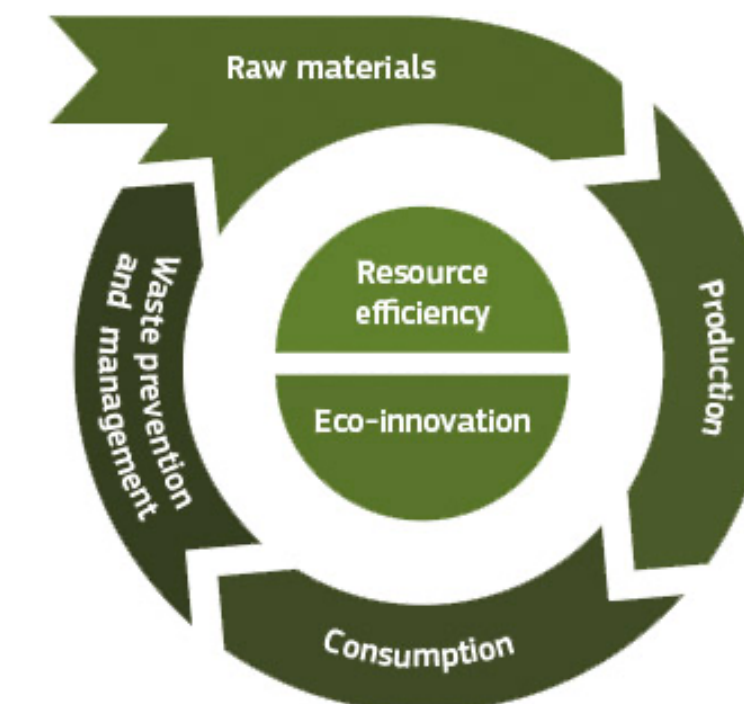
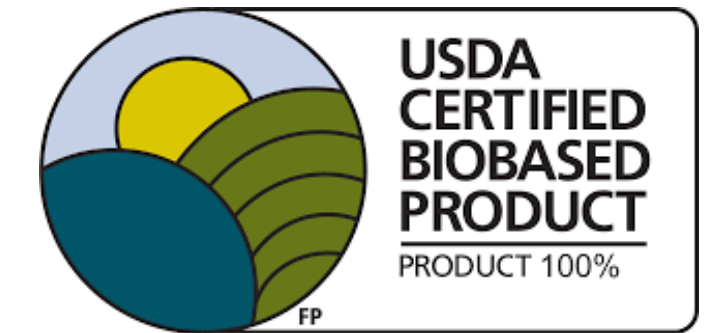
...and many others...

New PPE Garments' Technical Specifications now implemented in the Regional Law



Adopting an holistic approach, it was decided:

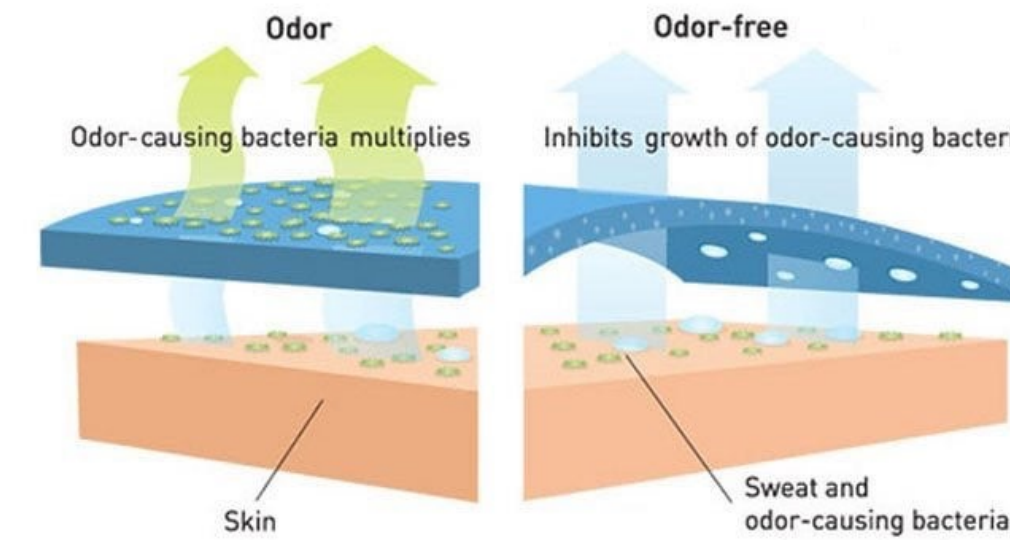
- to specify tech spec with a minimum % of sustainable/recycled yarns in fabrics (certifications asked at this stage: **yarn&fabric producers**)
- Oeko-Tex for all fabrics
- to implement actions on the project of the garments: less styles of fabrics (circular economy, easier to recycle)



New PPE Garments' Technical Specifications now implemented in the Regional Law



- Actions in the durability: odor control, high value in color fastness

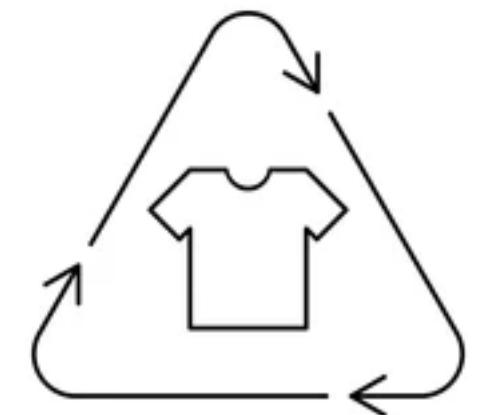


**Colour
Fastness**

- actions in the life cycle: repair service, re-use (charity, social issues), recycling programs (Beta)



REUSE



- compostable bags



thanks for the attention

safetexlab@legalmail.it



Exploring the potential for more sustainable PPE in healthcare



UN-Covid-19-response @unsplash

18/03/2021

Dorota Napierska

Covid-19: a reality check

- ❑ A supply crisis
- ❑ Prolonged use and reuse of disposable PPE
- ❑ Mountains of solid (medical) waste



The Royal Cornwall Hospitals in Cornwall:

up to 10,000 masks a day (compared to around 300 per day in 2019)

The Health and social care services in England:

Over 3.1 billion PPE distributed between 25/02 – 30/08 2020
(compared to approximately 2.43 billion items distributed
between 1 January and 31 December 2019)

Healthcare sector - need for more sustainable PPE

Opportunities

- More resilient medical supply
- Financial gains
- Reduced environmental impact
- Less solid waste
- Local /domestic domestic production & services

...

Challenges

- The same safety standards met by reusable as disposable PPE in healthcare settings
- Rethinking PPE design for clinical applications
- Green chemistry
- Decontamination / reprocessing standards
- Infrastructure / logistic change
- Human factor

...




Thank you!

dorota.napierska@hcwh.org



By Anna Shvet @pexelss



Sustainability in PPE: addressing the
challenges through standardization

18th March 2021 - 9:30 to 16:00

European Standardization Organizations

Gpp and situation about PPE reusable in Italy

Matteo Nevi

Assosistema Confindustria



- Green revolution?
- Reusable textile for green procurement?

Disposable surgical gowns and drapes imported in Italy

Jan – Nov 2020

Jan 2020 - Feb 2021
(forecast)

25.000 tons

40.000 tons

IS THAT A REAL REVOLUTION?





3 Green Pillars

Green Public Procurement

- Carbon footprint
- Water footprint
- Ecologic detergents
- Logistics

Made Green in Italy

- Product Environmental Footprint

Green Lobby

- National measures to promote reusable PPEs
- GPP criteria for textiles



FAI UNA SCELTA SOSTENIBILE

IL CAMICE RIUTILIZZABILE RIDUCE L'IMPATTO SULL'AMBIENTE



-95%

CO2

-98%

riduzione strato di ozono



Photo courtesy of The American Reusable Textile Association (ARTA) www.ARTA1.com

Fonte: Life Cycle Assessment intero ciclo di vita su 1 kit chirurgico base riutilizzabile sterilizzato (1 camice standard, 1 camice rinforzato, 2 teli laterali, 1 telo testa, 1 telo piedi, 1 telo federa tavolo di Mayo e 1 telo tavolo madre), lavato e sterilizzato 50 volte, a cura di Ambiente Italia S.r.l. (2019)

Discussion



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➔ Rank your favourite question! ➔

What's next?

13:15 - 15:15

Showcase of developments, experiences and concerns with standards

13:15 - 14:10

- 1A: General aspects and business models
- 1B: International views on sustainability and global resources
- 1C: Procurement and user needs

Change of sessions

14:20 - 15:15

- 2A: Design of garments facilitating repair, maintenance and recycling
- 2B: Choices and recycling of materials
- 2C: Experiences with different types of PPE



Please check your confirmation email for your choice of parallel session 2



Links to rooms will be published in the chat. Make sure to close this room before moving to the next

See you at the next session. Thank you!

