



The United Nations sustainable development goals: CORESTA contributions and opportunities

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Presented at 49th Tobacco Workers' Conference, Louisville, Kentucky USA - January 20-23, 2020



- ❖ **Introduction to CORESTA**
- ❖ **Stakeholders expectations**
- ❖ **CORESTA contributions**
- ❖ **Opportunities**



STATUTES &
RULES ARE
PUBLICLY
AVAILABLE

CORESTA

Cooperation Centre for Scientific Research Relative to Tobacco

**A non-profit organisation created in 1956
governed by French law**

Purpose

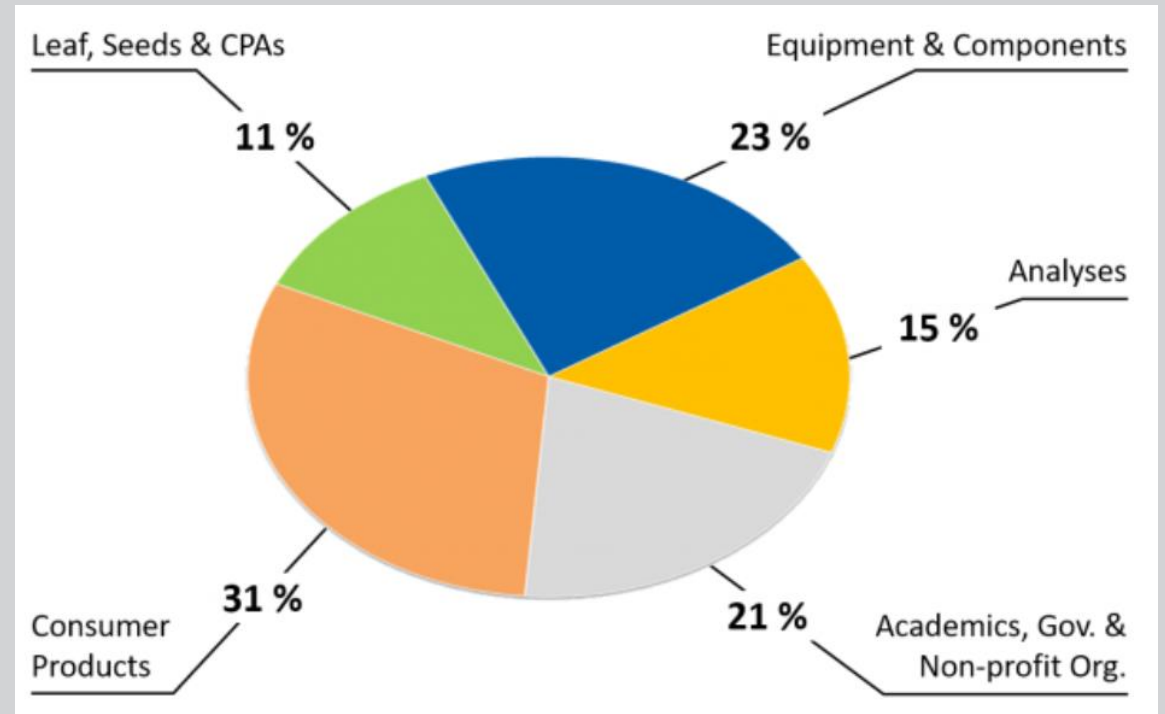
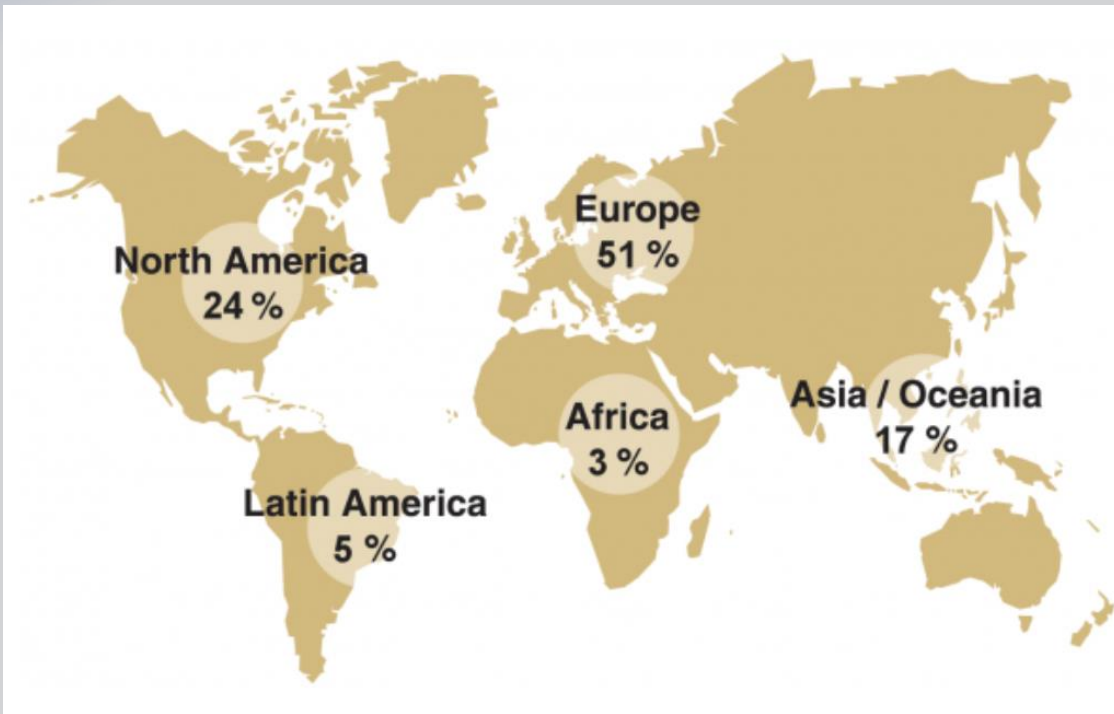
**To promote cooperation in scientific research relative
to tobacco and its derived products**



“ To be recognised by our members and relevant external bodies as an authoritative source of publicly available credible science and best practices related to tobacco and its derived products ”



162 members (December 2019)





Spectrum of Scientific Cooperation Topics

- Integrated Pest Management
- Virus Diseases
- Extended Diagnostic Expert System
- Efficacy of Biological & Eco-Friendly Crop Protection Agents
- Collaborative Study Black Shank
- Tobacco Alkaloid Genetics
- Tobacco Biotechnology and Omics

- Routine Analytical Chemistry
- Physical Test Methods
- Cigar Smoking Methods
- Tobacco and Tobacco Products Analytes
- E-Vapour
- Cigarette Variability
- Heated Tobacco Products

- Agrochemicals Analysis
- Pest and Sanitation Management in Stored Tobacco
- Proficiency Testing for Detection of Transgenic Tobacco
- TSNA in Air-cured and Fire-cured Tobacco
- Agrochemical Residue Field Trials
- Collaborative Study of Low Nicotine Tobacco Agronomic Production Practices



- Product Use Behaviour
- Smoke Analytes
- *In Vitro* Toxicity Testing
- Biomarkers
- Consumer Reported Outcome Measures Consortium
- 21st Century Toxicology for Next Generation Tobacco and Nicotine Products



Stakeholders Expectations in a Changing World



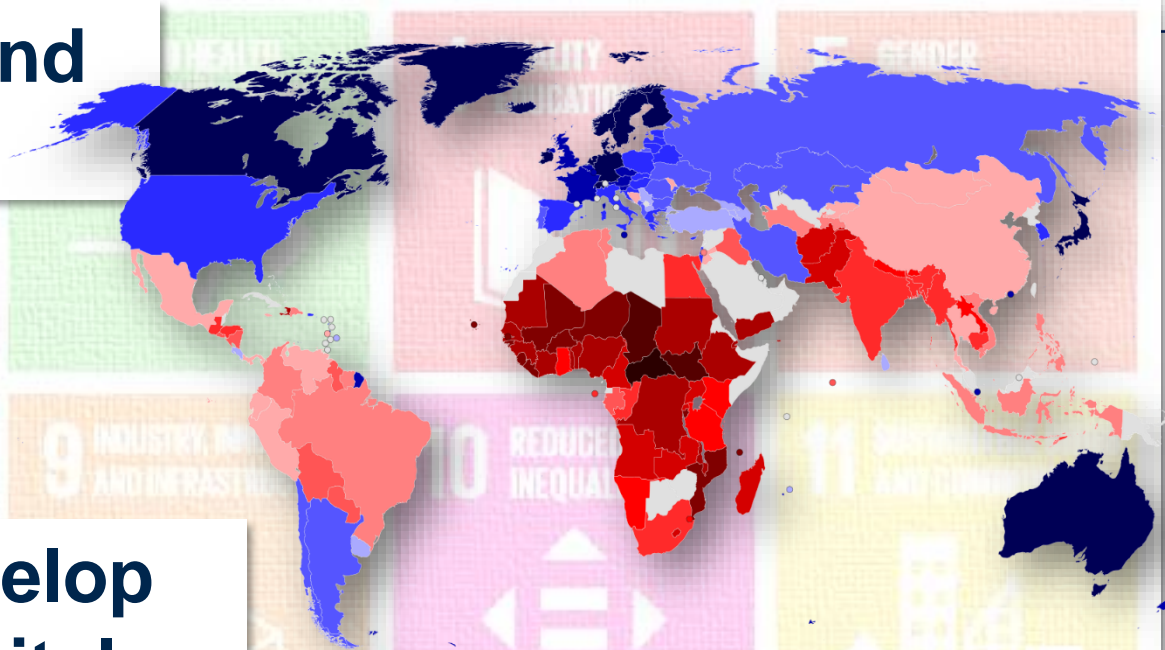
Stakeholders Expectations

- Human Rights
- Regulations
- OECD Guidelines for Multinational Enterprises + others
- ILO Tripartite Declaration of Principles concerning Multinational Enterprises and Social Policy + others
- The 10 Principles of the United Nations Global Compact
- **The United Nations Sustainable Development Goals (UN SDGs)**
- SA 8000 Social Accountability
- ISO 26000 Social Responsibility
- Integrated Reporting
- Global Reporting Initiative ...

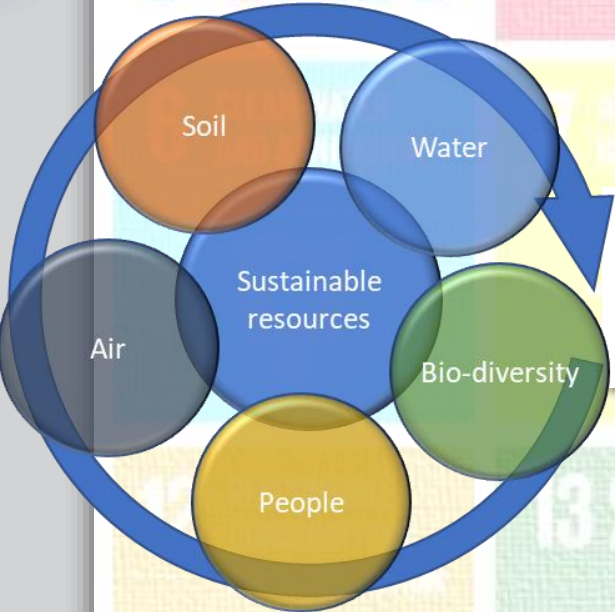
**HARD LAW
(MUST DO)**

**SOFT LAW
(COULD DO)**

Reduce inequalities within and between countries



Protect and develop the natural capital



Create and share tangible and intangible values sustainably



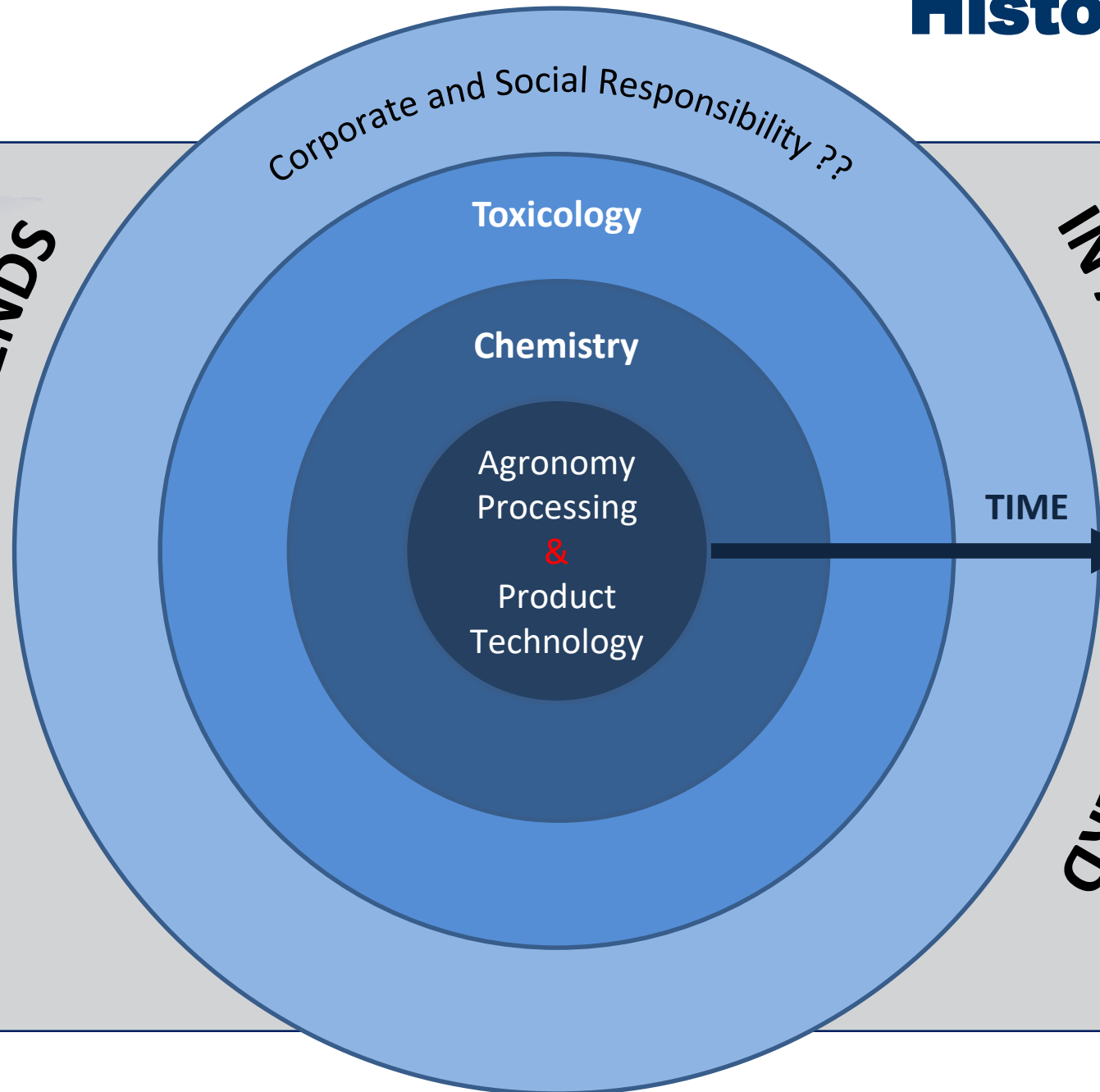
Adaptation to a Changing World



Historical Trends in CORESTA

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MEGA-TRENDS



IN A CHANGING WORLD

- Natural resources
- Climate change
- Population growth
- Connectivity
- Regulations

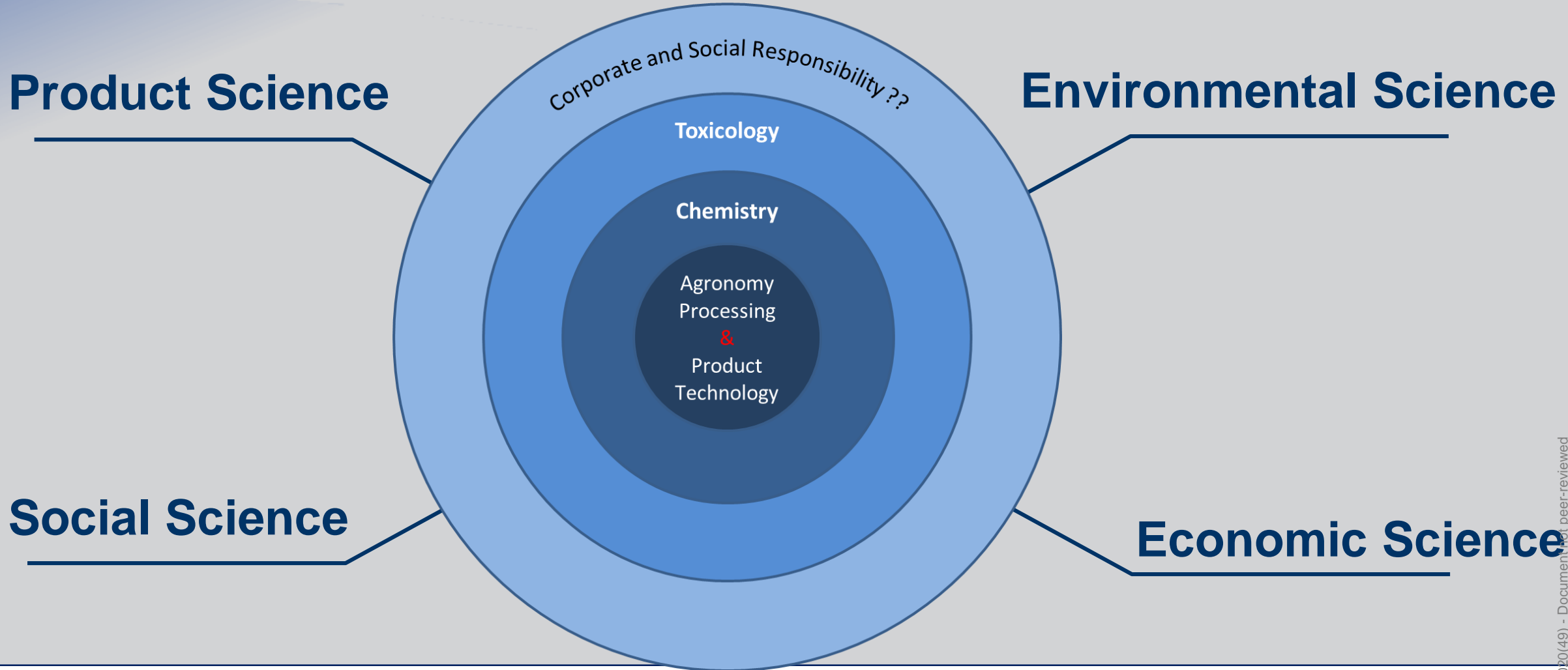


PURPOSE

To promote cooperation in scientific research relative to tobacco and its derived products

A Scope Becoming Broader

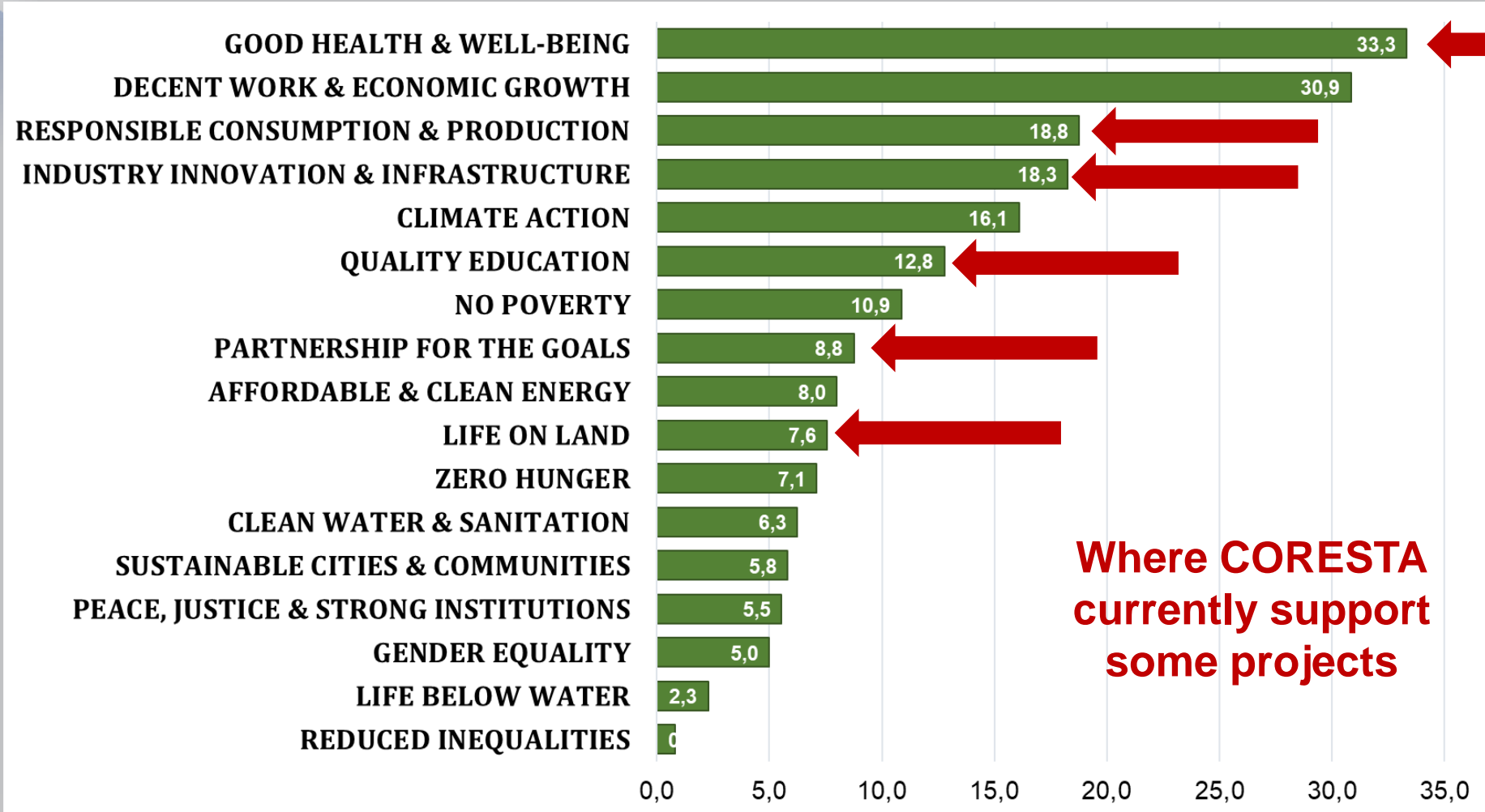
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TWC2020(49) - Document not peer-reviewed



Ranking of the SDGs for the Tobacco and Alternative Product Sectors



Where CORESTA currently support some projects

Survey among 29 organisations from 14 countries



Examples of CORESTA Contributions

3 GOOD HEALTH
AND WELL-BEING



Tobacco Biotechnology and Omics

Review of current and new biotechnologies

Biomarkers

Review studies and methods. Run proficiency testing. Source and develop reference materials.

4 QUALITY
EDUCATION



21st Century Toxicology for Next Generation Tobacco and Nicotine Products

Review, assess, apply and harmonize 21st century toxicology approaches to tobacco and nicotine products

E-Vapour

Propose, maintain and improve methods applicable to e-liquids and e-cigarette emissions

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Heated Tobacco Products

Definition, standard generation and collection of emissions, priority analytes, ...



Examples of CORESTA Contributions

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Agrochemical Residue Field Trials

Multi-countries, multi-years, multi-ingredients studies to derive Guidance Residue Limits

TSNA in Air-cured and Fire-cured Tobacco

Data logger, sampling and sample preparation

15 LIFE ON LAND



Efficacy of Biological & Eco-Friendly Crop Protection Agents

Survey, compilation, protocol, efficacy trial in preparation

Product Use Behaviour

Review published and unpublished report and propose relevant new works

17 PARTNERSHIPS FOR THE GOALS



Consumer Reported Outcome Measures Consortium

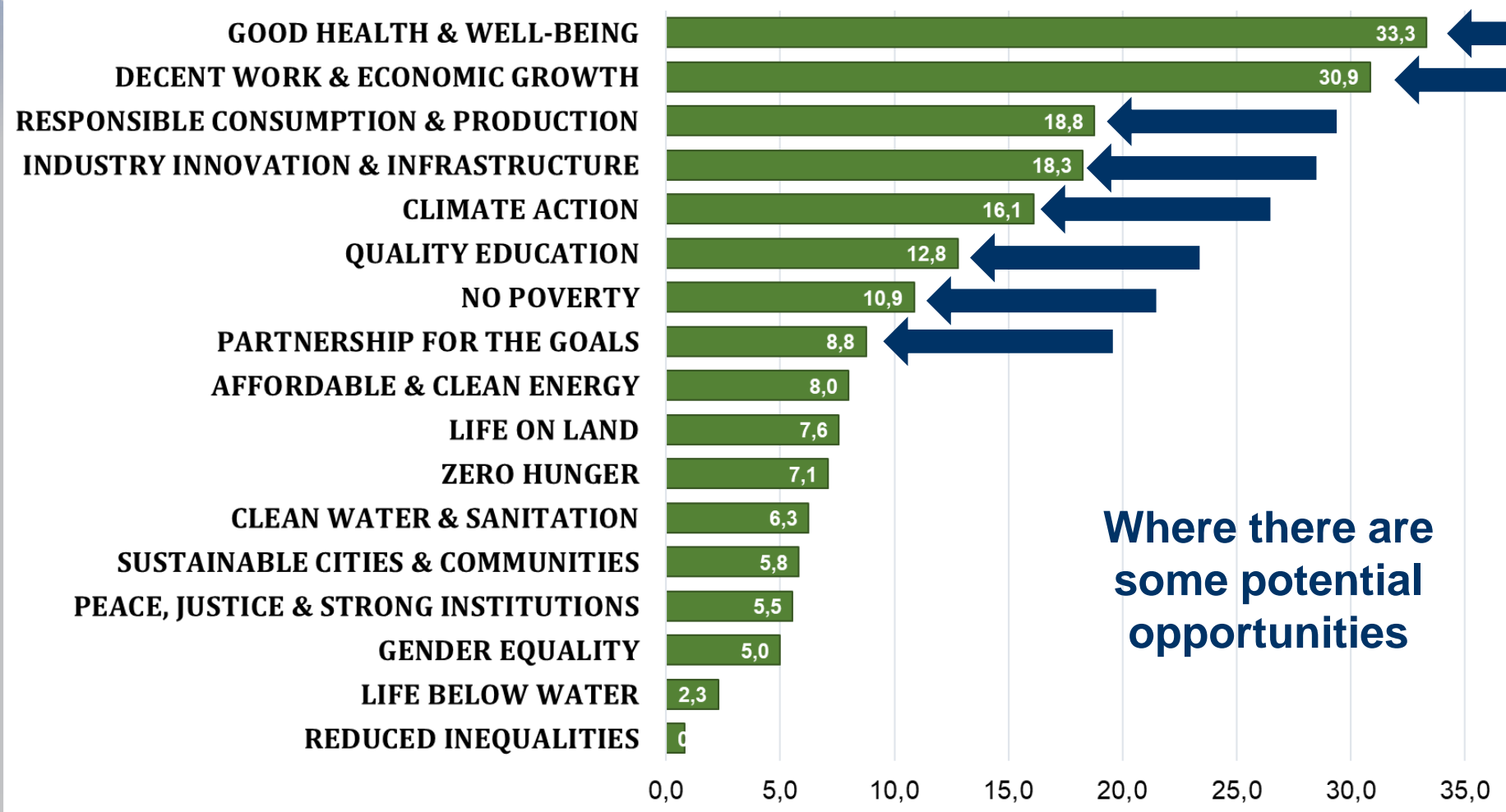
Identify and develop standards. Set-up repositories

Website

Guides, methods and technical reports made publicly available



Ranking of the SDGs for the Tobacco and Alternative Product Sectors



Where there are some potential opportunities

Survey among 29 organisations from 14 countries



Potential Opportunities for Guides and Methods



- Created & lost values shared along the value chain

- Calculation of tobacco leaf production cost and sustainable profit margin

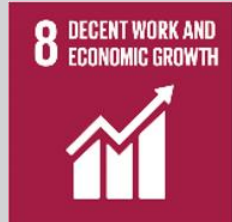


- Tobacco and alternative products positions against a risk continuum
- Safety and well-being programmes



- Assessment and scoring of the quality of education

- Social return on investment in educational projects



- Social audits of supply chains

- Assessment and scoring of quality of life at work



Potential Opportunities for Guides and Methods

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



- Tobacco and alternative products lifecycle analysis

- Assessment of access to water

- Assessment and scoring of products SDG-performance

- Crop inputs and packaging supplied to farmers

- Carbon footprint and other GHG emissions assessment

- Assessment of quantity of CO₂ captured over time

- Building confidence by applying transparency rules for reporting, communicating and creating partnerships

- Identification, mapping and prioritization of the key stakeholders

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS





- **Stakeholders expectations are changing and the tobacco sector is particularly impacted**
 - **Adaptation and transformation are required for continuing to create and share value sustainably**
- **Several tools already exist for impact assessment of adaptation and transformation projects but some sectorial tools are still missing**
- **Decisions depends on Business Strategies, and Science can help**
 - **By cooperating to monitor existing tools**
 - **By developing the consensual tools needed**
- **CORESTA is a powerful platform for building partnership, for bringing scientists together and for developing consensual tools**