

CORESTA Platform and Process of Cooperation

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Outline

Introduction to CORESTA

The Process of Cooperation

Some Key Activities

The Strengths of CORESTA





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





The Vision

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

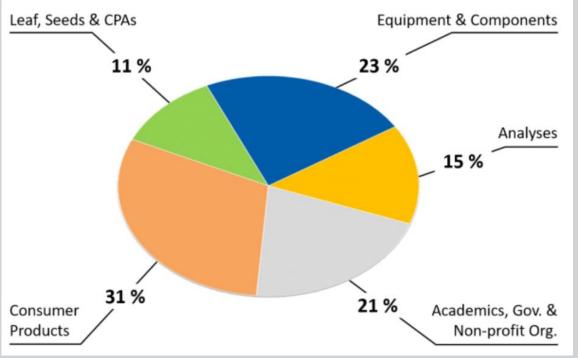




Membership

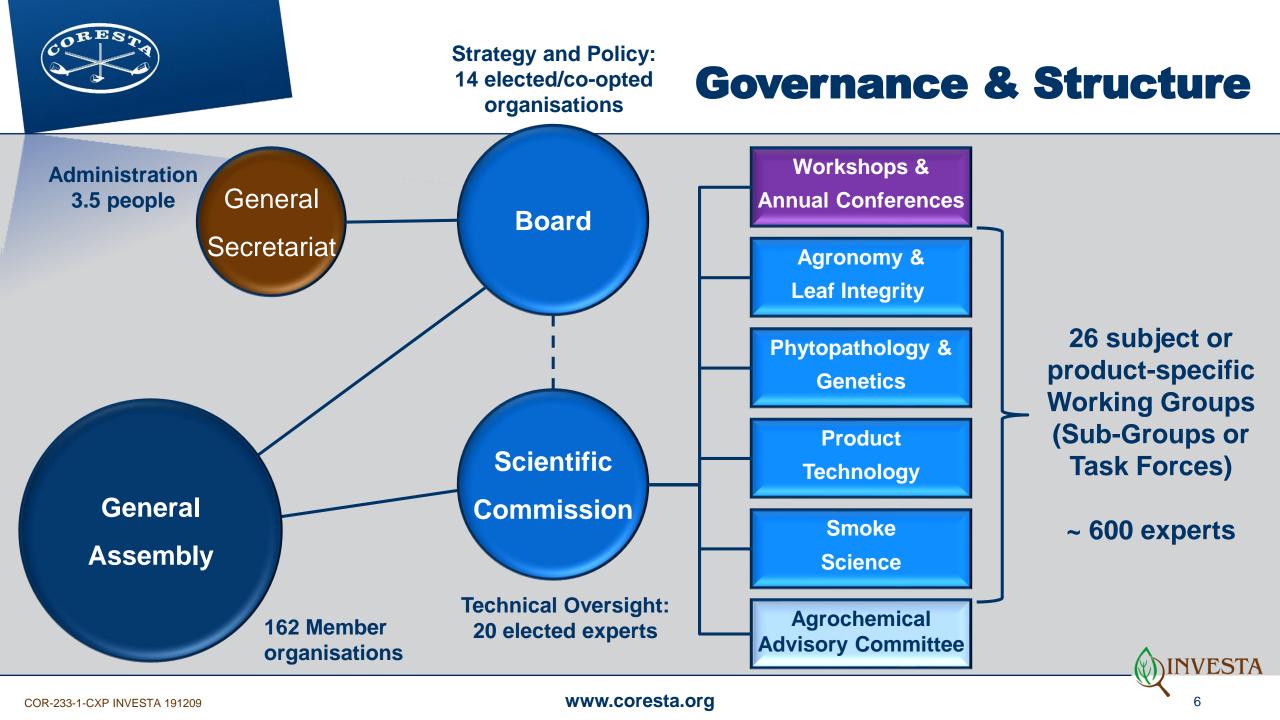
162 members (December 2019)







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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

- 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

26 Current Working Groups

Smoke Science

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

- 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

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Spectrum of Scientific Cooperation Topics

Tobacco Alkaloid Genetics

xtended Diagnostic Expert System

Tobacco Biotechnology and Omics

- Tobacco Alkaloid Genetics
- Tobacco Biotechnology and Omics

Agrochemicals Analysis

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Pest and Sanitation Management in Stored

Collaborative Study of Low Nicotine Tobacco Agronomic Production Practices

Collaborative Study of Low Nicotine Tobacco Agronomic Production Practices

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26

- Routine Analytical Chemistry
- Physical Test Methods

Heated Tobacco Products

- E-Vapour
- Cigarette Variability
- Heated Tobacco Products

Consumer Reported Outcome Measures Consortium

Smoke Analytes

21st Century Toxicology for orking Next Generation Tobacco and roups Nicotine Products



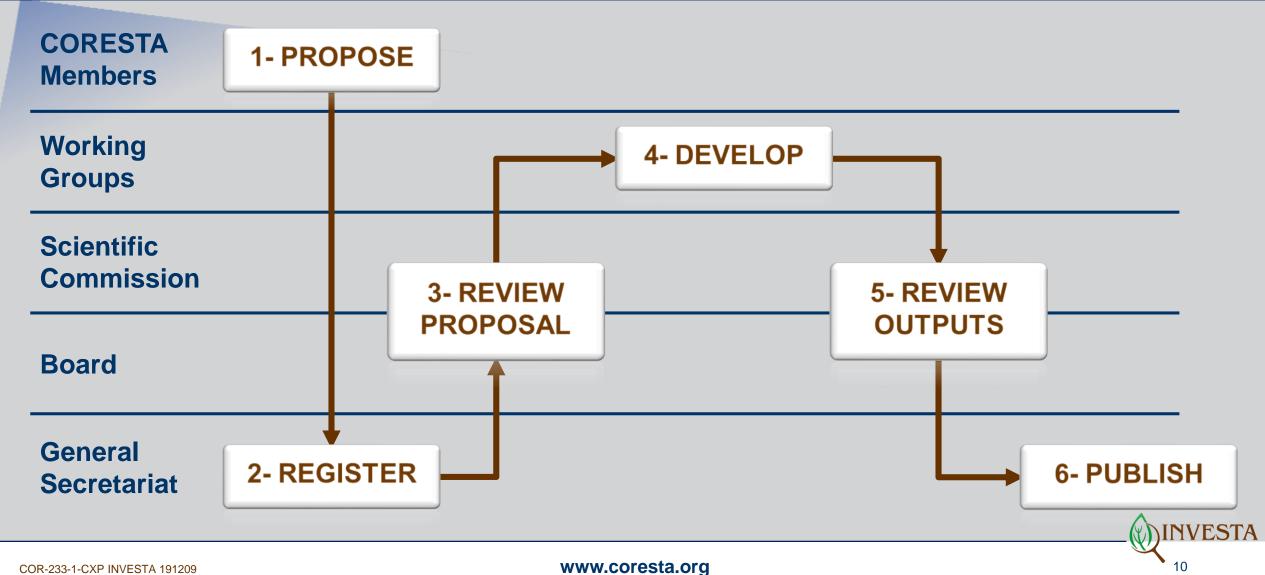
Nicotine Products



The Process of Cooperation

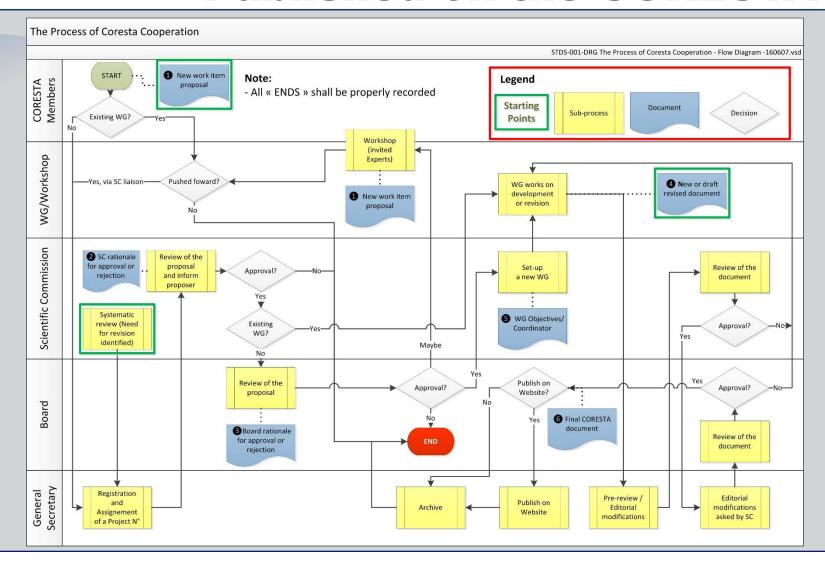


The Process (Simplified)





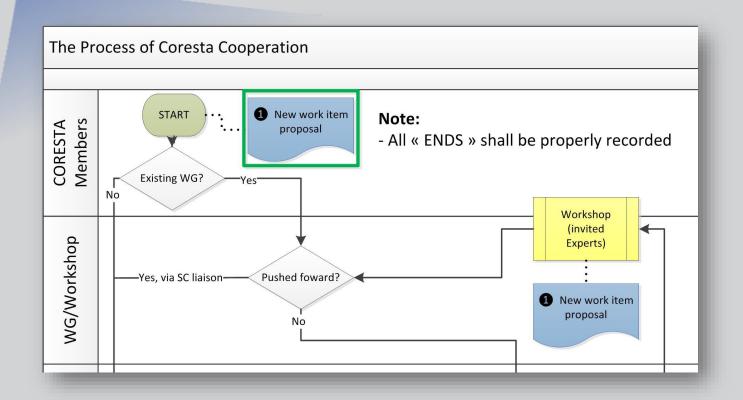
Detailed Process of Cooperation Published on the CORESTA website



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Process of Cooperation 1 - Propose



Proposals come from

- Any individual members
- Discussions in working groups
- Outputs of workshops

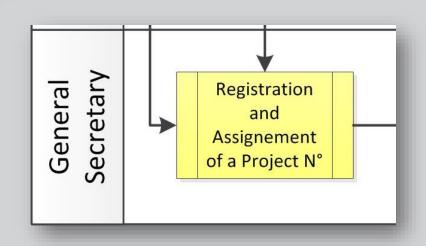
Proposals are documented

❖ NWIP

Being a CORESTA member gives you the opportunity to make proposals



Process of Cooperation 2 - Register



NWIPs are registered

❖ A project number is assigned to each proposal

Good project management practices are applied

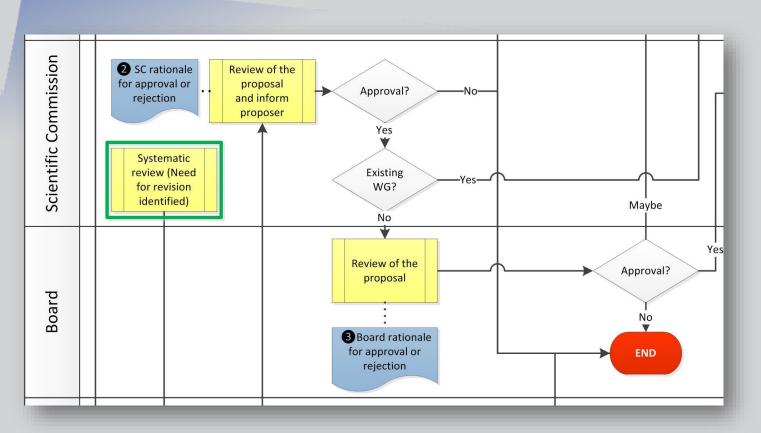
Planning, milestones, project team ...



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Process of Cooperation 3 - Review Proposal



First review by the Scientific Commission

- Are timeline and milestones sufficiently detailed?
- Is the scientific rationale clear enough?

Second review by the Board if there is a need to create a new WG

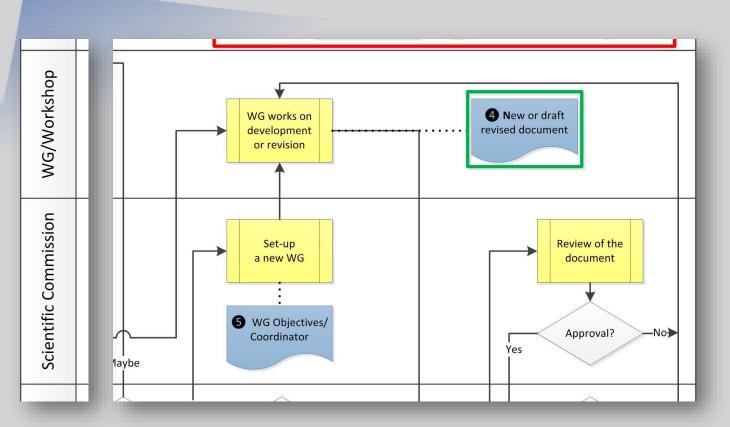
The Board may decide to organise a workshop

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Process of Cooperation 4 - Develop



Work is done by a working group

- A Task Force, or
- ❖ A Sub-Group

A liaison member informs the Scientific Commission

2 meetings/year

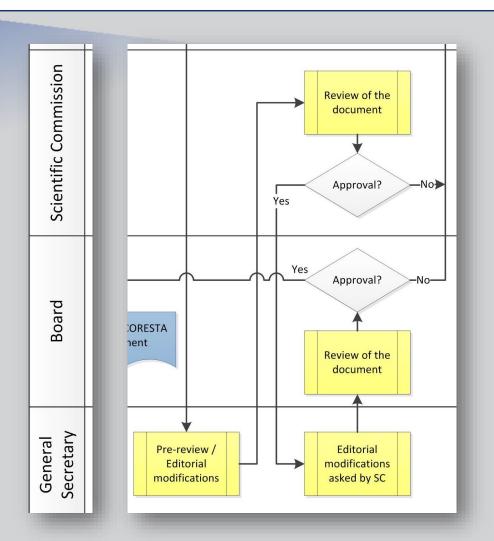
A report is presented annually at the conference/congress

NVESTA

Being a CORESTA member gives you the opportunity to contribute to the development



Process of Cooperation 5 - Review outputs



Pre-review by the General Secretariat

Alignment with editorial expectations

Review by the Scientific Commission

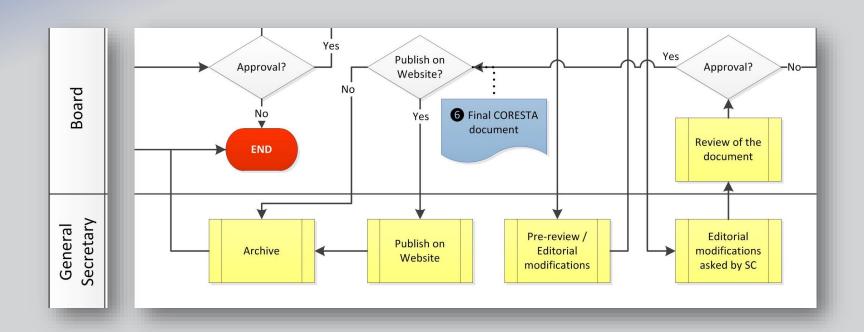
Alignment with scientific quality expectations

Review by the Board

Alignment with policy and strategic expectations



Process of Cooperation 6 - Publish



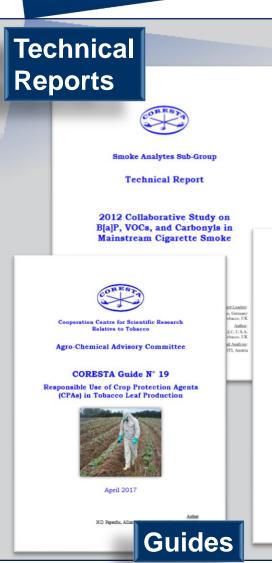
Public domain

Member section

WG section



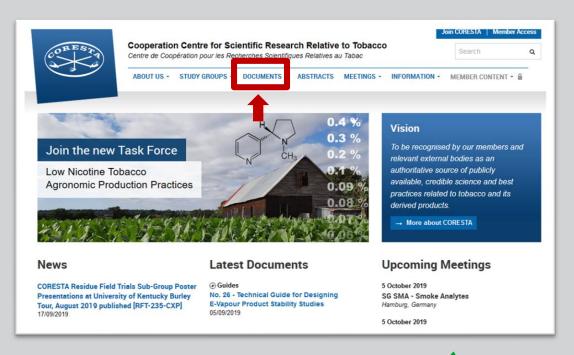
Publications





~ 9000 abstracts/presentations

www.coresta.org



Cooperation Centre for Scientific Research

Tobacco and Tobacco Products Analytes

Sub-Group

CORESTA Recommended Method

No. 91

DETERMINATION OF 15 PAHS IN TOBACCO AND TOBACCO PRODUCTS BY GC-MS/MS or GC-MS

April 2019



Illustrations for each Study Groups

Agronomy & Leaf Integrity
Phytopathology & Genetics
Product Technology
Smoke Science



Agronomy & Leaf Integrity

Agrochemicals Analysis

Organise proficiency test, run joint experiment and publish technical notes

Pest and Sanitation Management in Stored Tobacco

Annual infestation control conferences

Proficiency Testing for Detection of Transgenic Tobacco

GMO detection and regulation monitoring

TSNA in Air-cured and Fire-cured Tobacco

Data logger, sampling and sample preparation

Agrochemical Residue Field Trials

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

Collaborative Study of Low Nicotine Tobacco Agronomic Production Practices

New working group

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Phytopathology & Genetics

Integrated Pest Management (IPM)

Summarize IPM strategies and produce a document for agronomists & farmers

Extended Diagnostic Expert System

Di@gnoplant application

Efficacy of Biological & Eco-Friendly Crop Protection Agents

Survey, compilation, protocol, efficacy trial in preparation

Collaborative Study Black Shank

Test black shank resistance of best available varieties – look for a coordinator!!

Tobacco Alkaloid Genetics

Preparation of a report on molecular regulation and genetic manipulation of alkaloid accumulation in tobacco plants

Tobacco Biotechnology and Omics

Review of current and new biotechnologies

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Product Technology

Routine Analytical Chemistry

Maintain and improve analytical methods routinely used by testing laboratories / Collaborative studies / CM

Physical Test Methods

Propose, maintain and improve methods used by testing laboratories

Cigar Smoking Methods

Maintain and improve smoking methods and organise annual collaborative studies

Tobacco and Tobacco Products Analytes

❖ Propose, maintain and improve methods / Interlaboratory studies / Tobacco reference products

E-Vapour

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

Cigarette Variability

Assess and understand overall cigarette variability (including manufacturing)...

Heated Tobacco Products

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

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Smoke Science

Product Use Behaviour

Review published and unpublished report and propose relevant new works

Consumer Reported Outcome Measures Consortium

NEW! Identify and develop standards. Set-up repositories

Smoke Analytes

❖ Propose and maintain analytical method for smoke analytes of combustible products / Interlab studies

In Vitro Toxicity Testing

Compile and review information. Conduct proficiency testing

Biomarkers

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

21st Century Toxicology for Next Generation Tobacco and Nicotine Products

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

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The Strengths of CORESTA



The strengths of CORESTA

- Transparent and inclusive ways of working
 - Global inter-disciplinary participation in a wide range of working groups
 - Non-member expertise welcomed
 - > Annual meetings open to all interested parties
- Focus on sharing and advancing scientific knowledge and best practices
- Interlaboratory studies supports laboratory accreditation
- Track record supporting development of International Standards

EXINVESTA



Thank you