



# **Heated Tobacco Products (HTP) Task Force CORESTA Annual Update**

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- **Secretary: Jason Flora**
  - Altria Client Services LLC, Richmond VA - USA

**HTP – October 2020, Virtual Congress**



# HTP Task Force History

- ❖ **October 2018 (Kunming, China) CORESTA Congress discussion and engaged interest in the potential for a HTP Task Force**
- ❖ **March 2019 (Paris, France): HTP Workshop confirmed the need for a HTP Task Force and developed objectives**
- ❖ **June 2019 (London, England): Inaugural HTP TF meeting**
- ❖ **October 2019 (Hamburg, Germany): 2<sup>nd</sup> HTP TF meeting**
- ❖ **April 2020 (Virtual): 3<sup>rd</sup> HTP TF meeting**
- ❖ **October 2020 (Virtual): 4<sup>th</sup> HTP TF meeting**



# Participation in the HTP TF

**There has been a continued large interest in participation in the HTP TF:**

- ❖ **Attendees = 60+**
- ❖ **Organisations Represented = 39**
  - **Suppliers, manufacturers, laboratories etc.**
- ❖ **Countries = 15**

- 1. Establish standardized terminology and definitions that encompass all categories of Heated Tobacco Products.**
- 2. Define one or more specific approaches and regimes for the generation and collection of emissions for Heated Tobacco Products.**
- 3. Define and agree on priority compounds to be analysed (or not); review current CRM suitability, edit, or develop methods for Heated Tobacco Products.**



## **Objective 1:**

***Establish standardized terminology and definitions that encompass all categories of Heated Tobacco Products***

**Workstream Lead: Jason Flora**



# Definitions and Terminology

## ❖ Technical Report issued:

- HTP-259-CTR\_Std-Terminology-Recommendations-HTP-Emissions\_July2020

## ❖ Providing consensus on definitions:

- Heated Tobacco Product (as a category)
- Sub-Categories
- Terminology

## ❖ Creating consistency across the scientific community

- Attributes within and differentiating between the category(s) and sub-categories

## ❖ Heated Tobacco Product (HTP)

- A product containing a tobacco substrate that is designed to be heated and not combusted by a separate source (e.g., electrical, aerosol, carbon, etc.) to produce a nicotine containing aerosol.

- ❖ **Electrically Heated Tobacco Product (eHTP)**
- ❖ **Aerosol Heated Tobacco Product (aHTP) – also known as a hybrid**
- ❖ **Carbon Heated Tobacco Product (cHTP)**
- ❖ **Other: Sub-categories that may heat tobacco but are currently out of scope:**
  - **Waterpipe Heated Tobacco Product - Shisha/Hookah**
  - **Loose-leaf heating tobacco products (e.g. PAX)**





## **Objective 2:**

***Define one or more specific approaches and regimes for the generation and collection of emissions for Heated Tobacco Products***

**Workstream Lead: Colin Sinclair**

# Conditioning and Regimes

## ❖ **Technical Report issued:**

- **HTP-259-CTR\_Std-Terminology-Recommendations-HTP-Emissions\_July2020**

## ❖ **Includes recommendations for:**

- **Conditioning and**
- **Aerosol generation regimes**

## ❖ **Consideration:**

- **Review whether CRMs will be developed for HTP specific Conditioning and Aerosol Generation Regimes**



## **Objective 3:**

***Define and agree on priority compounds to be analysed (or not); review current CRM suitability, edit, or develop methods for Heated Tobacco Products***

**Workstream Lead: Maxim Belushkin**

## ❖ Priority analytes agreed with Task Force

High – Basic Analytes	Medium	Low
ACM, propylene glycol, glycerine, nicotine	Carbonyls	TSNAs
CO, NO, NO <sub>x</sub>		Volatiles
		B[a]P / PAHs



# Proficiency Study: Basic Analytes, CO, NO and NOx

## ❖ Study protocol drafted

- Including recommendations on conditioning and puffing regimes
- Pending confirmation of timelines

## ❖ Study leads identified:

- Takatsugu Hyodo (JTI)
- Taryn Winner (R.J. Reynolds Tobacco)

## ❖ Interest in participating:

- 15 laboratories
- 4 HTP products

## ❖ NWIP: In review



# Summary: Key Activities and Next Steps

- ❖ **Finalise proficiency study on: basic analytes and CO, NO, NOx**
- ❖ **Develop HTP TF 2-year plan**
  - **Align method development with CORESTA Sub-Groups**
- ❖ **Align with ISO Technical Committee - ISO/TC 126/WG 22, tobacco heating systems.**
  - **Collaborative studies to be run through WG22**
  - **Review whether ISO methods are needed for HTP specific:**
    - Conditioning and testing environment
    - Aerosol generation and collection regimes



# **Thank-you to HTP TF members for your continued support**

**If you have any questions, please contact:**

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**If you are interested in participating in the proficiency study,  
please let us know!**