



STM BRef e WGC BRef - Stato dei lavori

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IED E IL PROCESSO DI SIVIGLIA - Il ruolo di ISPRA e del SNPA per il supporto al Ministero della Transizione Ecologica

Roma 21.06.2022

STM BRef e WGC BRef - Stato dei lavori

STM BREF

Surface Treatment of
Metals and Plastics



Trattamenti superficiali di metalli e
plastiche

Revisione del BREF di Agosto 2006

WGC BREF

Waste Gas Management
and Treatment Systems in
the Chemical Sector



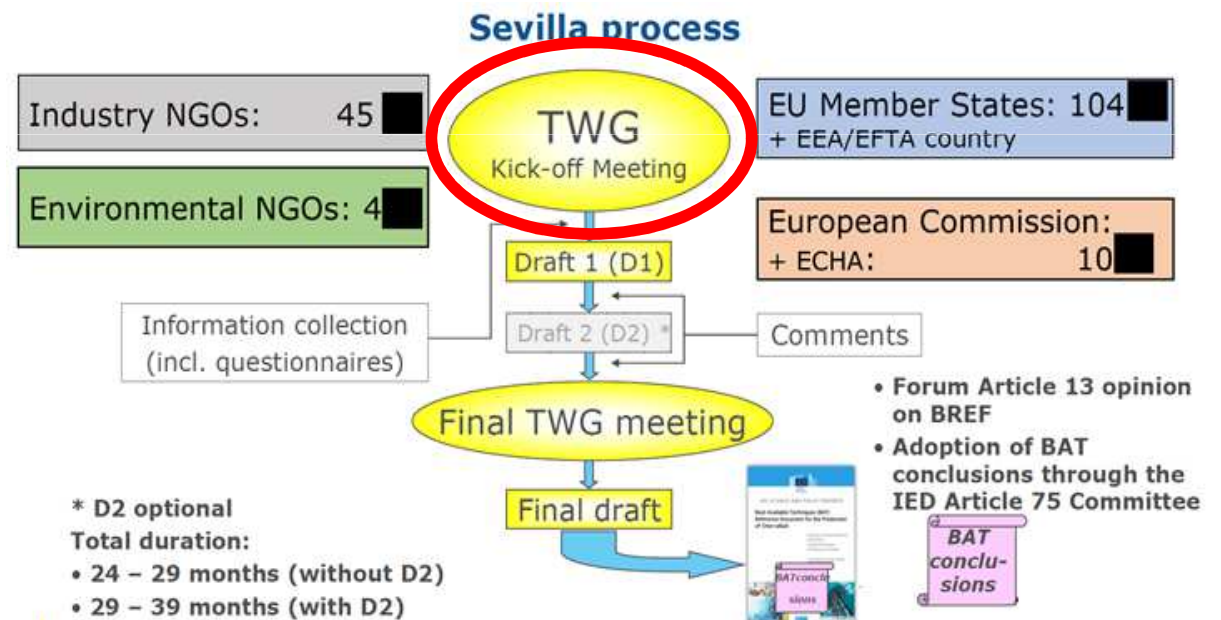
Gestione e trattamento de gas di coda
provenienti dall'industria chimica,
escluso quanto già coperto da altri BREF
già revisionati (CAK, LVOC, CLM)
o in fase di revisione (LVIC)

STM BREF – Kick-off meeting

Main steps	Date
TWG reactivation	June 2021
Call for initial positions	November 2021
Background paper for Kick-off Meeting	April 2022
<u>Kick-off Meeting</u>	<u>May/June 2022</u>

Argomenti del Kick-off meeting:

- Ambito di riferimento del STM BREF
- Key Environmental Issues (KEIs)
- Informazioni e collettamento dati



Call for IPs



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 Circular Economy and Industrial Leadership Unit (DG JRC.B.5)
 European IPPC Bureau

Best Available Techniques Reference Document for the Surface Treatment of Metals and Plastics Industry (the STM BREF)
 Call for initial positions, Document 3: Excel templates

Supporto ISPRA nella fase della raccolta dati e informazioni

Please clarify the need to address any other sector or activity in this STM BREF review specifying which are the key environmental issues

TWG Proposal	Reasoning	KEI air emissions	
Chemical Vapour Deposition (CVD)		VOCs	

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 EUROPEAN COMMISSION
 DIRECTORATE-GENERAL
 JOINT RESEARCH CENTRE
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 Circular Economy and Industrial Leadership Unit (JRC.B.5)
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Seville, 20 April 2022

KICK-OFF MEETING
FOR THE REVIEW OF THE
BEST AVAILABLE TECHNIQUES (BAT) REFERENCE
DOCUMENT FOR THE SURFACE TREATMENT OF METALS
AND PLASTICS (STM BREF)

SEVILLE

30 May – 7 June 2022
 (4 web-based sessions)

BACKGROUND PAPER

Initial Position all'interno del Background Paper



- To include chemical vapour deposition (CVD) as it is an important technique that uses

STM BREF – Kick-off meeting

Discussione sulle IPs nell'ambito del Kick-Off Meeting

Structure of the EIPPCB presentation for each agenda item


1. Original proposal/request made in the call for IPs (if any)
2. Summary of IPs



 Agree

 Disagree

 Partly agree

 No answer

In total, 21 IPs submitted: 15 from Member States, 5 from Industry Associations and 1 from Environmental NGO.

3. EIPPCB assessment
4. EIPPCB proposal

STM BREF – Kick-off meeting

Principali argomenti di discussione

- Ambito di riferimento del STM BREF e attività IPPC da includere
- Coordinamento con altri BREF e Direttive comunitarie
- Key Environmental Issues (KEIs) per le emissioni in atmosfera e in acqua (valutazioni più approfondite rimandate a valle della fase di raccolta informazioni)
- Efficienza energetica (differenziazione fra tipologia di energia e di combustibile utilizzato)
- Decarbonizzazione (particolare attenzione alle emissioni di CO₂)
- Riutilizzo delle acque
- Tecniche da considerare per la determinazione delle BAT (valutazioni più approfondite rimandate a valle della fase di raccolta informazioni)

STM BREF – Prossimi step

Next steps – Tentative timeline for the STM BREF review (2/2)

Step	Tentative time
EIPPCB to issue the final questionnaire to the TWG and distribution to the participating plants through the Member States' representatives	2 nd half January 2023
TWG to provide bulk information in order to update the text of the STM BREF, namely information on applied processes and techniques, on the techniques to consider for the determination of BAT and on emerging techniques.	2 nd half January 2023
Submission of filled-in questionnaires in BATIS	2 nd half April 2023
First data assessment workshop	September 2023
First formal draft (D1) of the revised STM BREF	Q1 of 2024
TWG comment on STM BREF D1	Q2 of 2024
Second data assessment workshop	Q3 of 2024
Final TWG meeting	Q4 of 2024 / Q1 of 2025
Final draft of the revised STM BREF delivered to the IED Article 13 Forum	Q3 of 2025
Voting of BAT conclusions by IED Article 75 Committee	Q1 of 2026
Publication of the BAT conclusions in the Official Journal of the European Union	Q3 of 2026
Publication of the STM BREF on the EIPPCB website	Q3 of 2026

WGC BREF – Final meeting

Draft D1
11/2019

Final meeting
06-07/2021

Sevilla process



JRC SCIENCE FOR POLICY REPORT Best Available Techniques (BAT) Reference Document for Common Waste Gas Management and Treatment Systems in the Chemical Sector

Colour code:
The text highlighted in yellow will not appear in the BREF; it is used to:

- remind the TWG of the conclusions reached at the kick-off meeting;
- indicate information missing that TWG members are invited to collect and submit;
- indicate information to be updated;
- make clarifications to the TWG.

Industrial Emissions Directive 2010/75/EU (Integrated Pollution Prevention and Control)

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Leadership Unit
European IPPC Bureau

Draft 1 (November 2019)

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WGC BREF - Final meeting

Split views presentate dall'ITALIA:

BAT 11 : applicabilità delle tecniche di BAT in coordinamento con altre BAT presenti nel documento (BAT16 - BAT23-BAT 25 – BAT 32)

BAT 16: applicabilità delle prestazioni di BAT per le emissioni di ossidi di azoto dagli ossidatori termici e catalitici

BAT 23: casistiche di non applicabilità delle BAT relativamente alle emissioni fuggitive per impianti esistenti

Split view template

BAT conclusion/BAT-AEL to which the split view refers:

...

Split view submitted by:

Please add TWG member name and Member State / organisation

Proposal:

This split view proposes to ...

- Proposal A
- Proposal B
- Proposal C
- ...

Rationale:

This split view is supported by the following rationale ...

- Argument A
- Argument B
- Argument C
- ...

References

This split view is based on the following information already made available to the EIPPCB at the time of drafting the conclusions on BAT for the BREF or has been provided within the commenting period corresponding to such a draft:

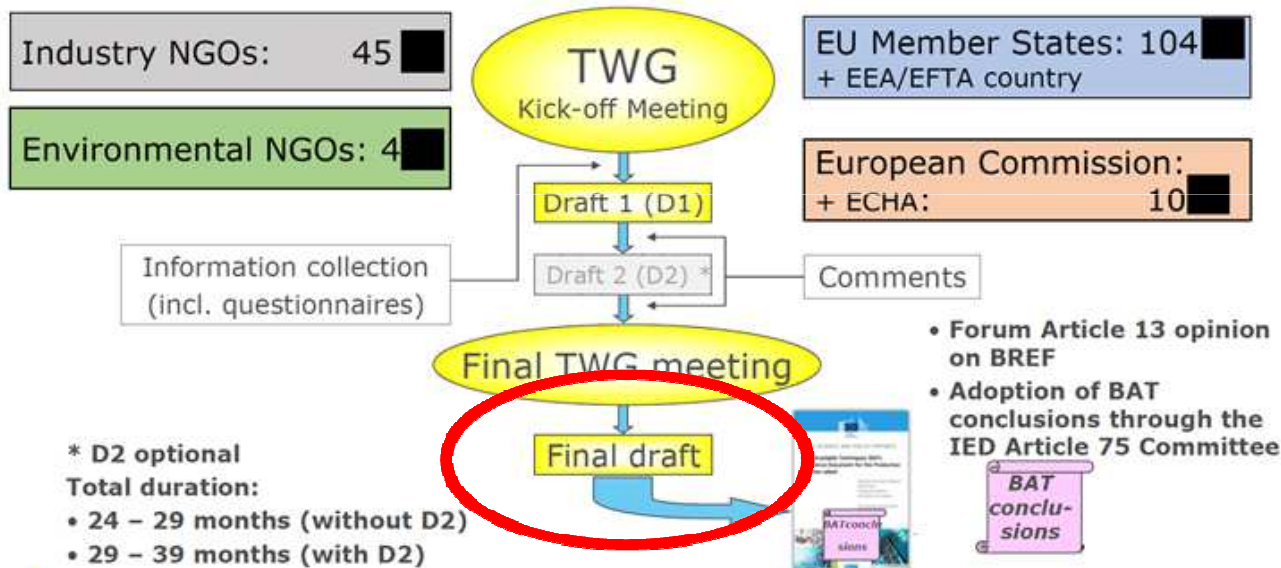
- Reference A
- Reference B
- Reference C
- ...


WGC BREF – Final Draft

Final meeting


Final Draft
03/2022

Sevilla process




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 Final Draft (March 2022)

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Grazie