

WGC BREF COMMON WASTE GAS TREATMENT IN THE CHEMICAL SECTOR

PREHĽAD ROZPRACOVANÝCH BREFs



**SLOVENSKÁ
INŠPEKCIA
ŽIVOTNÉHO
PROSTREDIA**



Konferencia Chémia 2019

25.09.2019 Liptovský Ján

Ing. Daša Šuleková, PhD.



Časový plán WGC

pôvodný plán:

prvý draft WGC BREF: Q2 2019

záverečný míting TWG: Q4 2019

záverečný draft WGC BREF: Q2 2020

Publikovanie záverov o BAT: Q1 2021



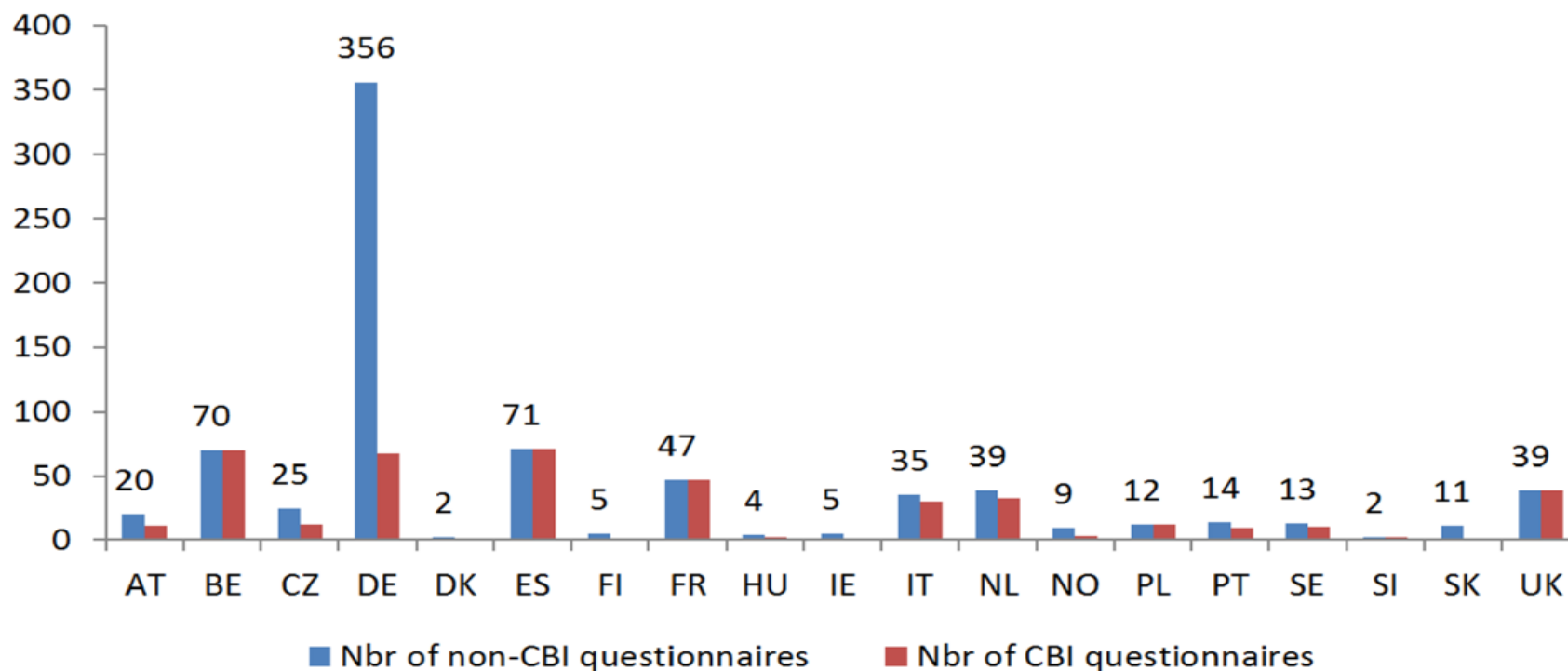
Data assessment workshop 4 – 5 Jún 2019, EIPPCB Sevilla

- Informácie o spracovaní dát
- Informácie k CBI dotazníkom
- Príspevok Francúzska k difúznym emisiám
- Príspevok BE/Flámska k difúznym emisiám

Dotazníky za jednotlivé ČS

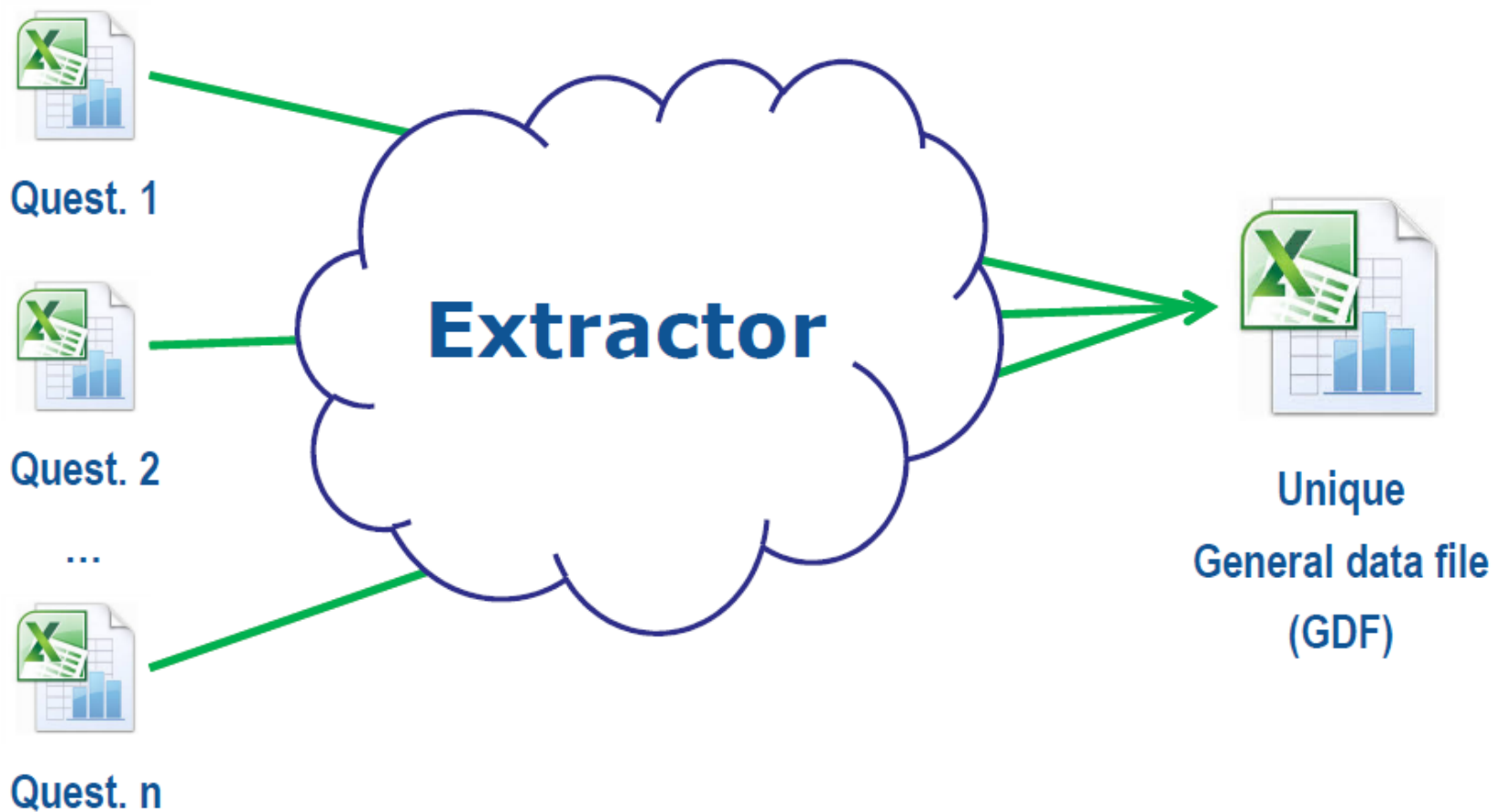
spolu do 26.3.2019
zber dát (27.7.2018-21.12.2018)

779 non-CBI quest.
419 CBI quest.

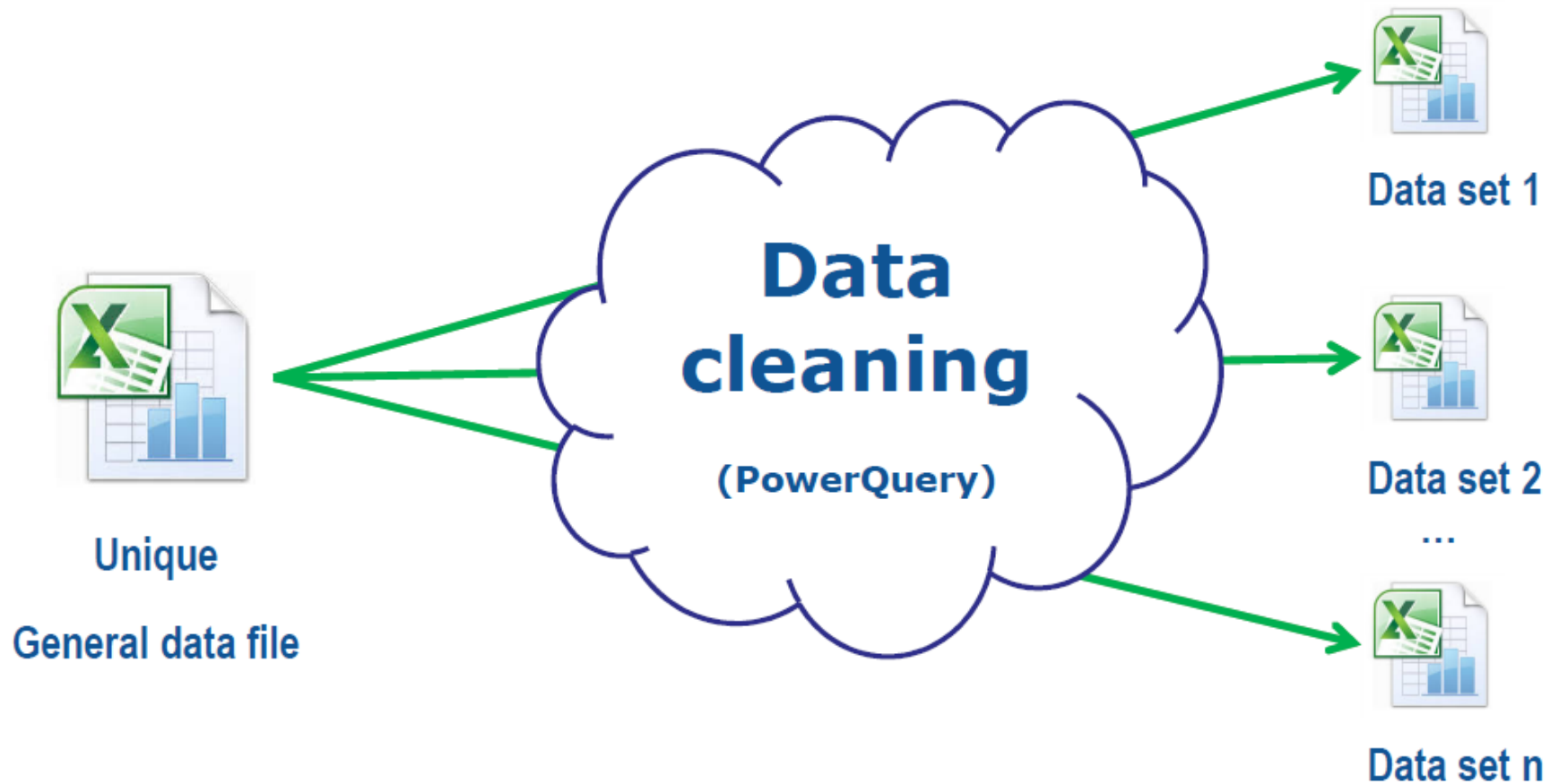


zdroj: European Commission, European IPPC Bureau

Data extraction – general principle



Data cleaning – general principle



Creating the database with Qlik Sense



Data set 1

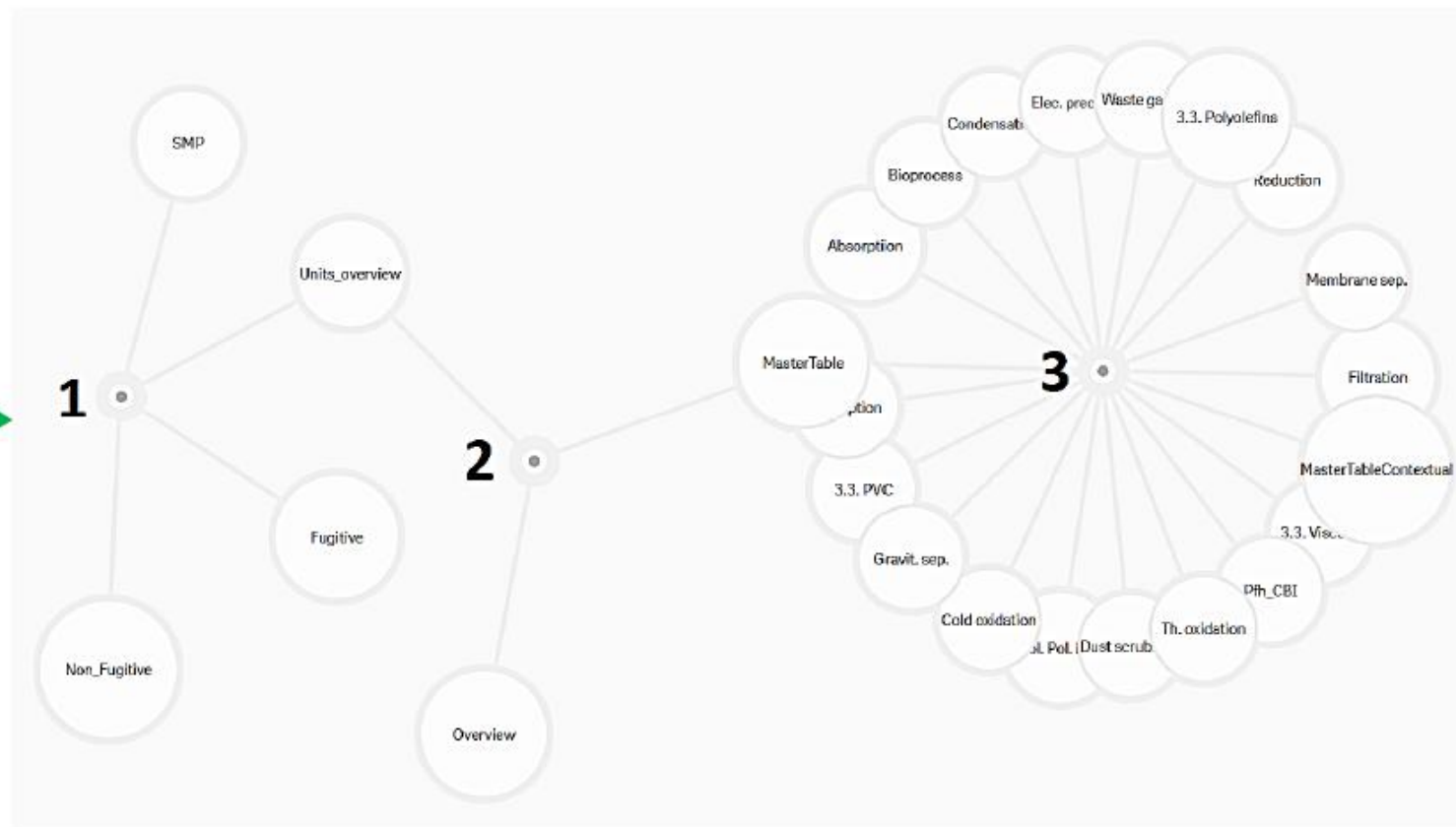


Data set 2

...



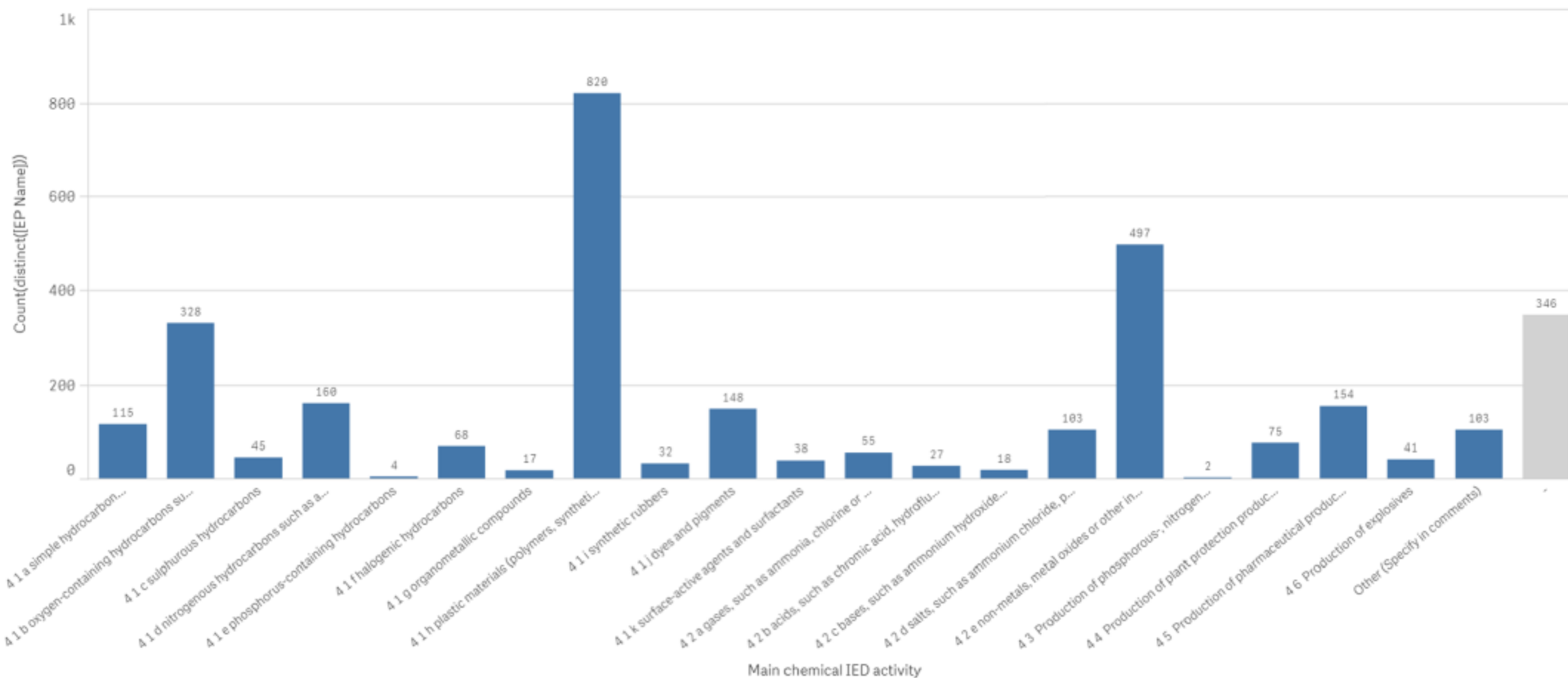
Data set n



Data model from the background document

Channelled emissions points count per main chemical activity

Emission point numbers

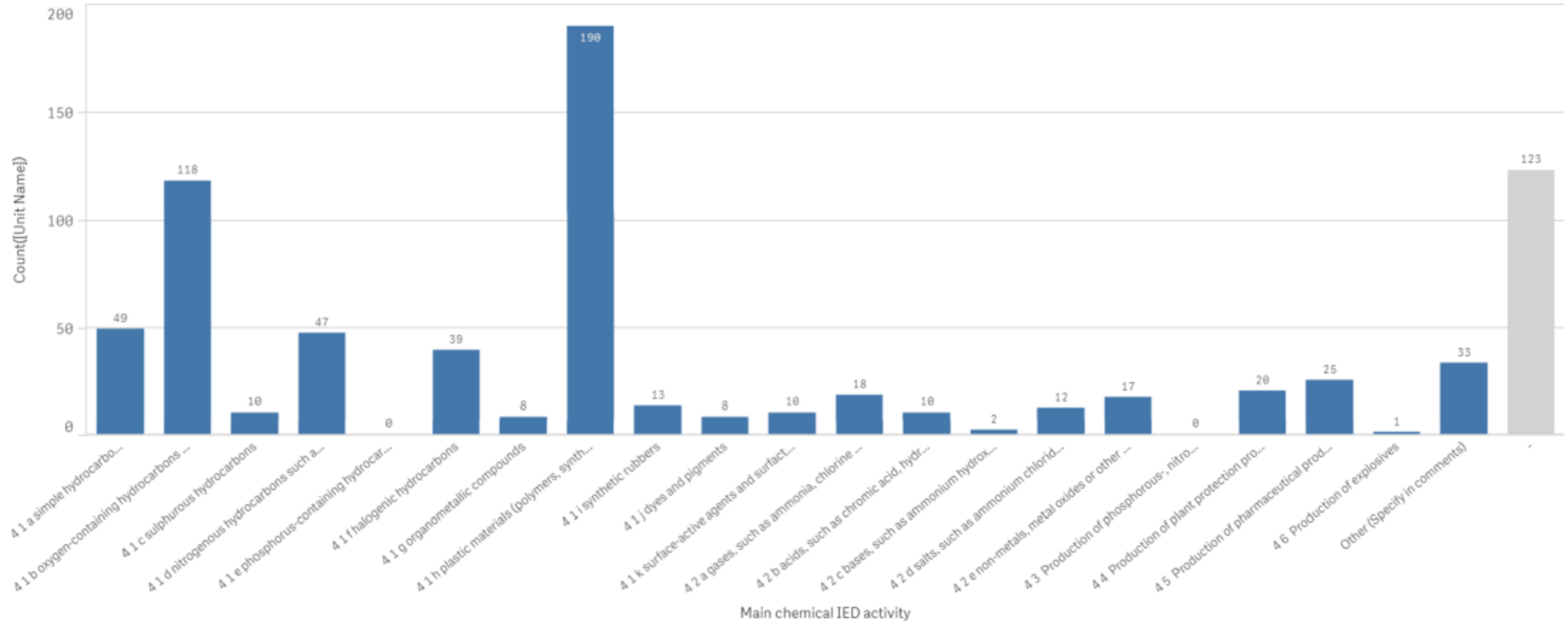


Total emission points: 3196, Questionnaires received by 26.03.2019

zdroj: European Commission, European IPPC Bureau

Diffuse emissions count per main chemical activity

Diffuse emissions: unit numbers



Total units count: 753, Questionnaires received by 26.03.2019

zdroj: European Comission, European IPPC Bureau

Channelled emissions, KEI data per emission point

TOP 5	Nbr	Low 5	Nbr
Dust	1 636	Ethylene dichloride	14
TVOC	1 009	Carbon disulphide	17
Carbon monoxide	470	Hydrogen sulphide	21
Nitrogen oxides	652	1,3-butadiene	21
Sulphur oxides	342	propylene oxide	22



Ďalšie kroky

- do 30.9.2019 – vykonať posledné úpravy v dotazníkoch
- Q4 2019 – mal by byť vytvorený Draft 1
- Q1 2020 – obdobie pre komentý k Draft 1

Difúzne emisie

- FR prístup – monitoring difúznych emisií, LDAR program
- DE prístup – dizajnovat' prevádzku tak, aby nedochádzalo k únikom, technicky tesné zariadenia
- BE(Flámsky) prístup – kombinácia



Flámsky prístup k difúznym emisiám 1/2

žiadny LDAR:

- pri podtlakových komponentoch
- pri potrubiach < 0,5"
- High-integrity equipment (= technically tight) – TA Luft

LDAR

- VOC s tlakom pár > 0,3 kPa pri 20 ° C,



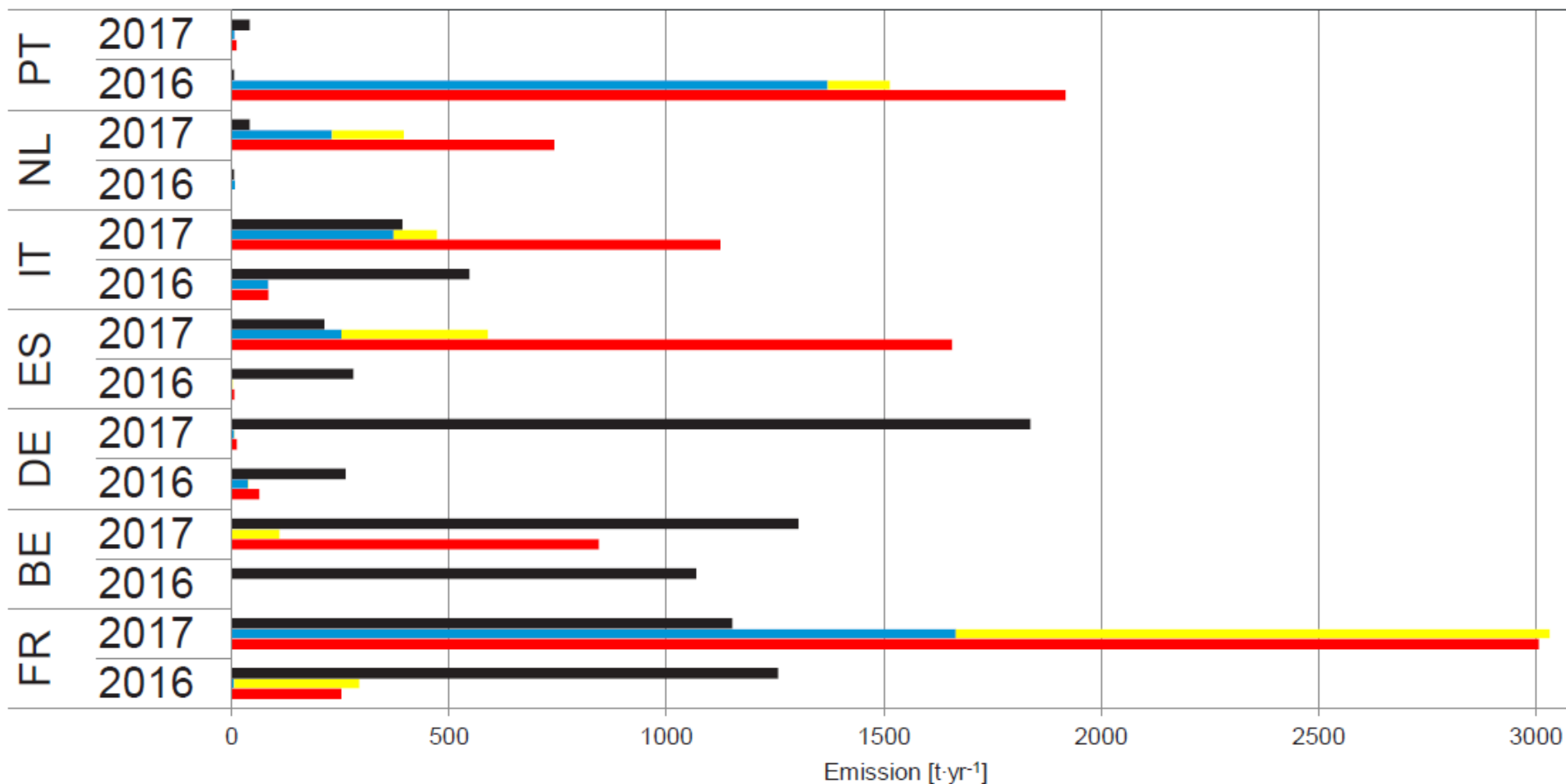
Flámsky prístup k difúznym emisiám 2/2

Samostatný program pre všetky nádrže s kvapalnými organickými zlúčeninami s tlakom pár $> 13,3$ kPa pri 35 ° C

- Organické kvapaliny s GHS05, 06, 07 alebo 08, uložené v nádržiach s objem > 100 m³
→ ročné monitorovanie pomocou OGI
- Ostatné organické kvapaliny, uložené v nádržiach s objemom > 500 m³
→ 2-ročné monitorovanie pomocou OGI

Total VOC - Diffuse and Channeled Emissions (All Data)

■ Fugitive Emissions
 ■ Non-Fugitive Emissions
 ■ Channelled Emissions
 ■ Diffuse Emissions



zdroj: European Commission, European IPPC Bureau



PREHL'AD ROZPRACOVANÝCH BREFs



The screenshot shows the homepage of the European IPPC Bureau (EIPPCB). At the top, there is a header with the European Commission logo and the text "JOINT RESEARCH CENTRE Circular Economy and Industrial Leadership". Below this is a navigation menu with links: HOME | ABOUT US | REFERENCE DOCUMENTS | COM DOCUMENTS | EVENTS&NEWS | JOB OPPORTUNITIES | FAQs | MEMBERS AREA. The main heading reads "Welcome to the European IPPC Bureau (EIPPCB)". A featured video player is visible, titled "Sevilla Process: scientific and technical bas...", with a play button and a red YouTube icon. To the right, there is a "Latest News" section with three news items. The first item is about the IED Article 13 forum on 14 October 2019. The second item is about the final draft of the revised BREF on Surface Treatment Using Organic Solvents (STS) issued on 25/07/2019. The third item is about a call for EU Seconded National Experts for the review of BREFs, including Large Volume Inorganic Chemicals (LVIC) and Surface Treatment of Metals and Plastics (STM), published here. Below the video player, there is a link to the EC's Science Service JRC Audiovisuals Channel. At the bottom, a partial sentence reads: "The European IPPC Bureau is part of the Circular Economy and Industrial Leadership Unit of".

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Welcome to the European IPPC Bureau (EIPPCB)

Sevilla Process: scientific and technical bas... Pozriť neskôr Zdieľať

INDUSTRY

Link to the EC's Science Service JRC Audiovisuals Channel

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Latest News

The fourteenth meeting of the IED Article 13 forum will take place on 14 October 2019 to give an opinion on the BREF for Surface Treatment using Organic solvents including Preservation of Wood and Wood Products with Chemicals (STS).

The final draft of the revised BREF on Surface Treatment Using Organic Solvents including Preservation of Wood and Wood Products with Chemicals (STS) has been issued on 25/07/2019. Deadline to receive IED Article 13 Forum comments: 27 September 2019

A Call For EU Seconded National Experts to work at the EIPPCB on the review of BREFs, including on Large Volume Inorganic Chemicals (LVIC) and Surface Treatment of Metals and Plastics (STM), has been published **here**. For further information on deadlines and application procedures please contact your Permanent Representation/Diplomatic Mission of Non-Member Country/the EFTA Secretariat/IGO Administration **here**.

17 June 2019: The fifteenth meeting of the IED Article 75 Committee took place to give an opinion on the BAT conclusions for Food, Drink and Milk (FDM), and on the BAT conclusions for Waste Incineration (WI).

The first draft of the revised BREF on Ferrous Metals Processing (FMP) has been issued on 29/03/2019. Deadline to receive comments: 7 June 2019.

Rozdelenie BREF dokumentov

- **Sektorové – vertikálne;** sú spracovávané pre jednotlivé kategórie priemyselných činností a zodpovedajú hlavným odvetviám alebo priemyselným činnostiam uvedeným v prílohe IED a Zákona o IPKZ.
- **Prierezové – horizontálne;** svojím obsahom sú zamerané na všetky kategórie alebo na niekoľko kategórií priemyselných činností.

Publikované:

<http://eippcb.jrc.ec.europa.eu/reference/>



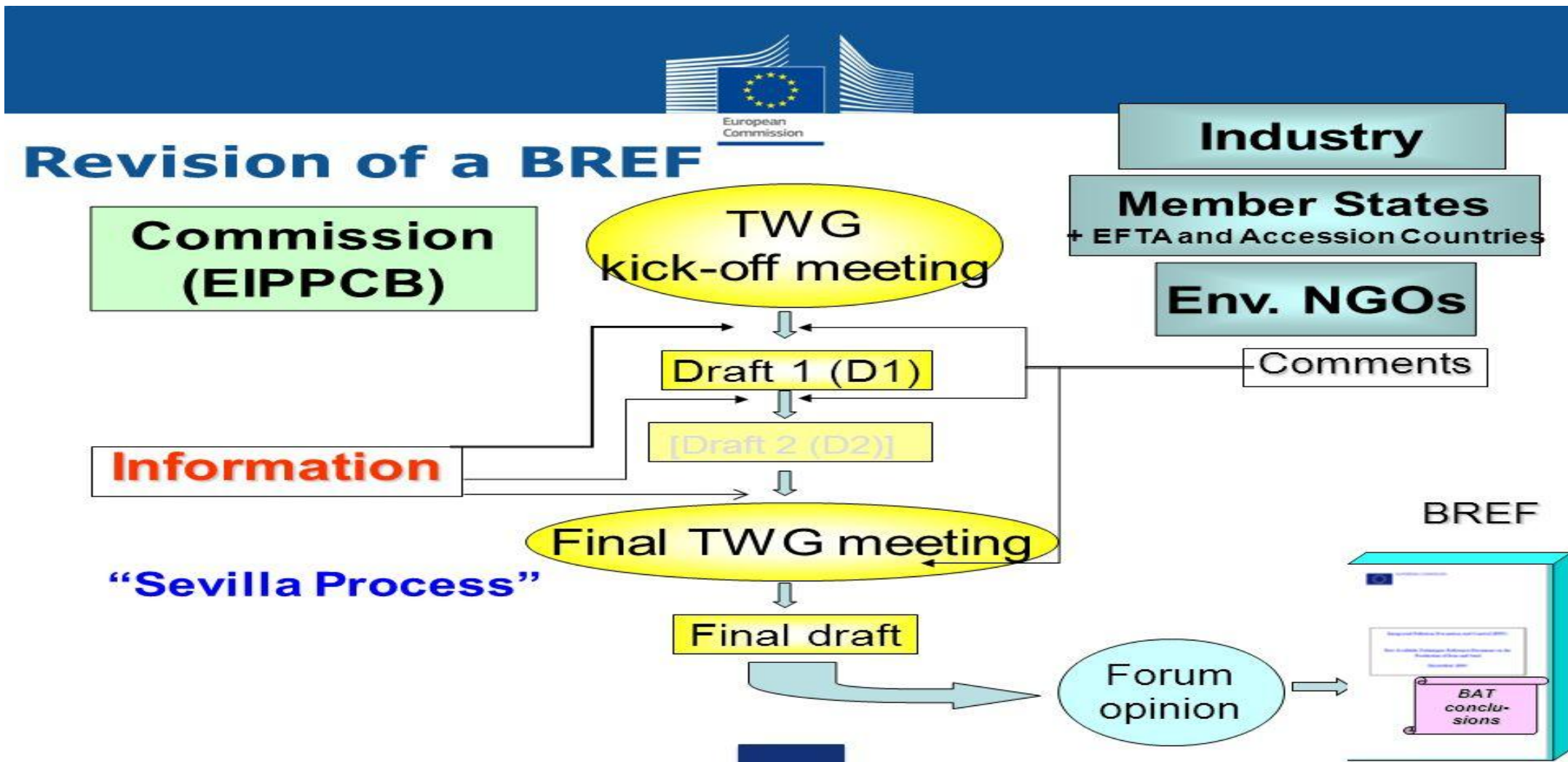
Súčasný stav

- **32 BREF dokumentov spadajúcich pod smernicu IED**
 - **14 BREFov je oficiálne publikovaných**
– existujú závery o BAT
- **2 referenčné správy – nemajú závery o BAT**
 - **Monitoring (dec 2017)**
 - **Ekonómia a medzizložkové vplyvy**

BREFs NOVINKY

- **Závery o BAT pre FDM a WI - hlasovanie vo Výbore podľa čl. 75 IED 17. 6. 2019**
- **Jeseň 2019 - Závery o BAT pre STS (WBP) do Fóra podľa čl. 13 IED**

Priebeh tvorby/revízie BREFu



ZDROJE

- European IPPC Bureau (EIPPCB) <https://eippcb.jrc.ec.europa.eu/>
- U.S. Environmental Protection Agency <https://www.epa.gov/>

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