

# European IPPC Bureau

at the

Institute for Prospective Technological Studies (IPTS)

Joint Research Centre (JRC)

European Commission (EC)

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# BREFs and the lubricants industry

# Content of the presentation

- EU environmental policy
- IPPC Directive
- Information exchange
- BREFs and review
- Lubricants industry
- Conclusions

## European environmental policy

- Instruments: Directives and Regulations
- ~ 200 legislative pieces
- ~ 90 % of new environmental rules in an EU country originates from EU legislation

# Integrated Pollution Prevention and Control Directive

about...

- Minimising emissions
- Installations
- Integrated approach
- BAT
- Public
- Flexibility in permits

# IPPC foresee an . . .

exchange of information



Who?

How?



What?

# How to exchange information?

- meetings
  - visits/meetings installations (countries/ companies)
  - documents/books (BAT Notes)
  - comments on drafts
  - visits to the members' workspace
  - e-mails
- .... and much more

## Product = The BREF

- Published result of exchange of information
- Provision of information for decision makers
- Tool to drive environmental performance
- A reference document for permitters
- A guide to issues to take into account in deciding permit conditions
- 1st step towards establishing level playing field

## BREFs

- 28 BREFs on many industrial manufacture sectors (i.e. energy, metals, minerals, chemical, waste, others)
- 5 (B)REFs on special horizontal activities
- Good level of TWG agreement
- Intensively used (~150 downloads/month each)

## Why review BREFs?

- BAT concept is not static
- Lagoons have been identified and need to be further developed
- Make a more user friendly document

## BREFs and Lubricant industry

- Mineral oil and refinery BREF
- Waste treatment BREF
- Industrial sectors using lubricants (all BREFs)

## Examples of BAT

- **Baseoil refinery**: BAT is to use triple effect evaporation systems in the solvent recovery sections of deasphalting, extraction and dewaxing process units. ...
- **Waste oil re-refining**: BAT is to operate a careful control of the incoming materials supported by analytical equipment, laboratory and resources
- **Hot rolling**: BAT is to use bearings and bearing seals of modern design for work- and back-up rolls, installation of leakage indicators in the lubricant lines (e.g. at hydrostatic bearings).

## Conclusions

- Provide information (e.g. evidences to review a BREF)
- Be aware of the revision of the BREF (<http://eippcb.jrc.es>)