

EB45 – Methodologies

EB45 – Annotated agenda item 11

Report of MP36

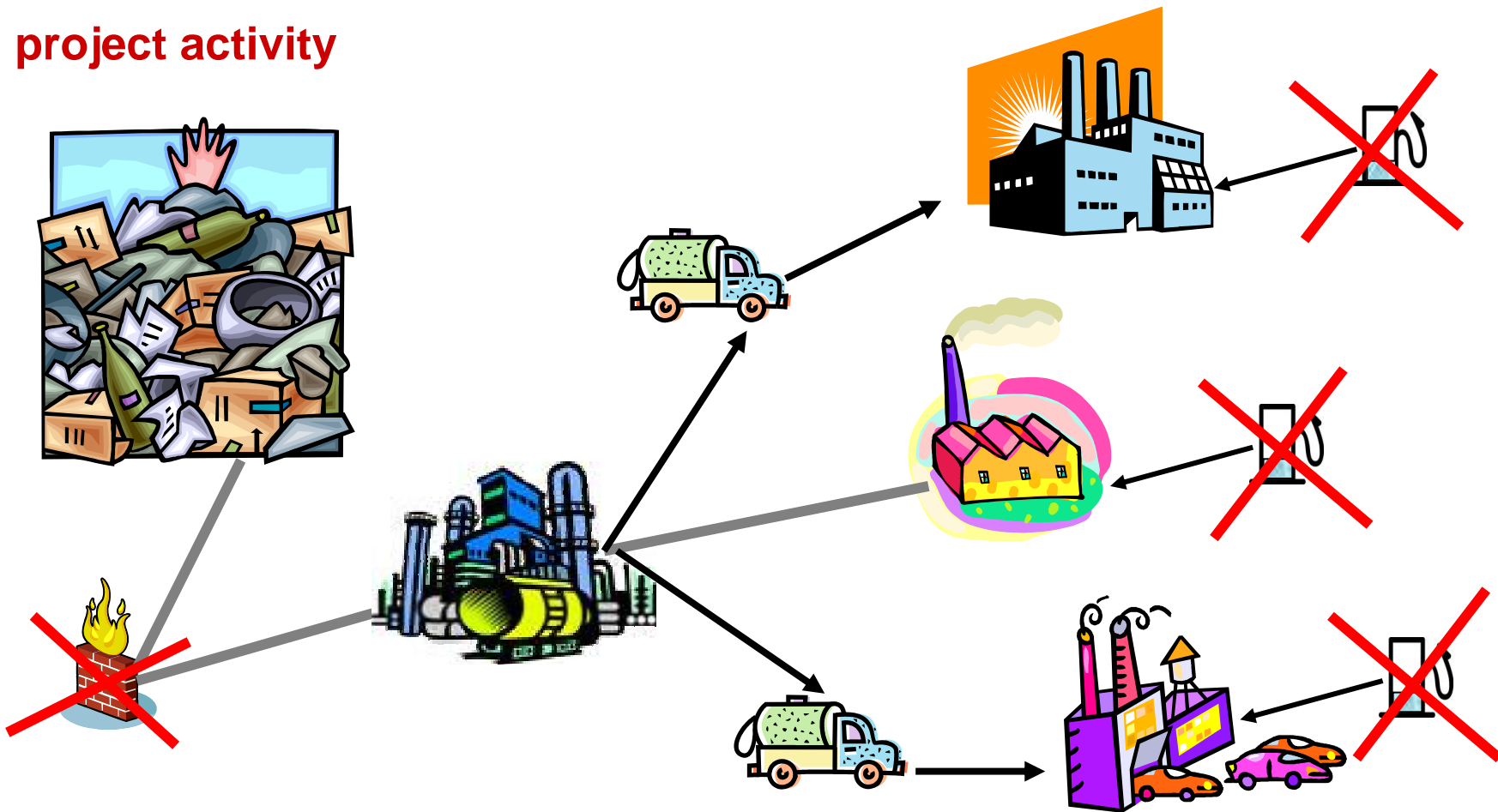
EB45 – Annotated agenda item 12a

Proposed new methodology based on NM0248

Project for useful use of landfill gas actually being flared substituting natural gas

NM0248

project activity

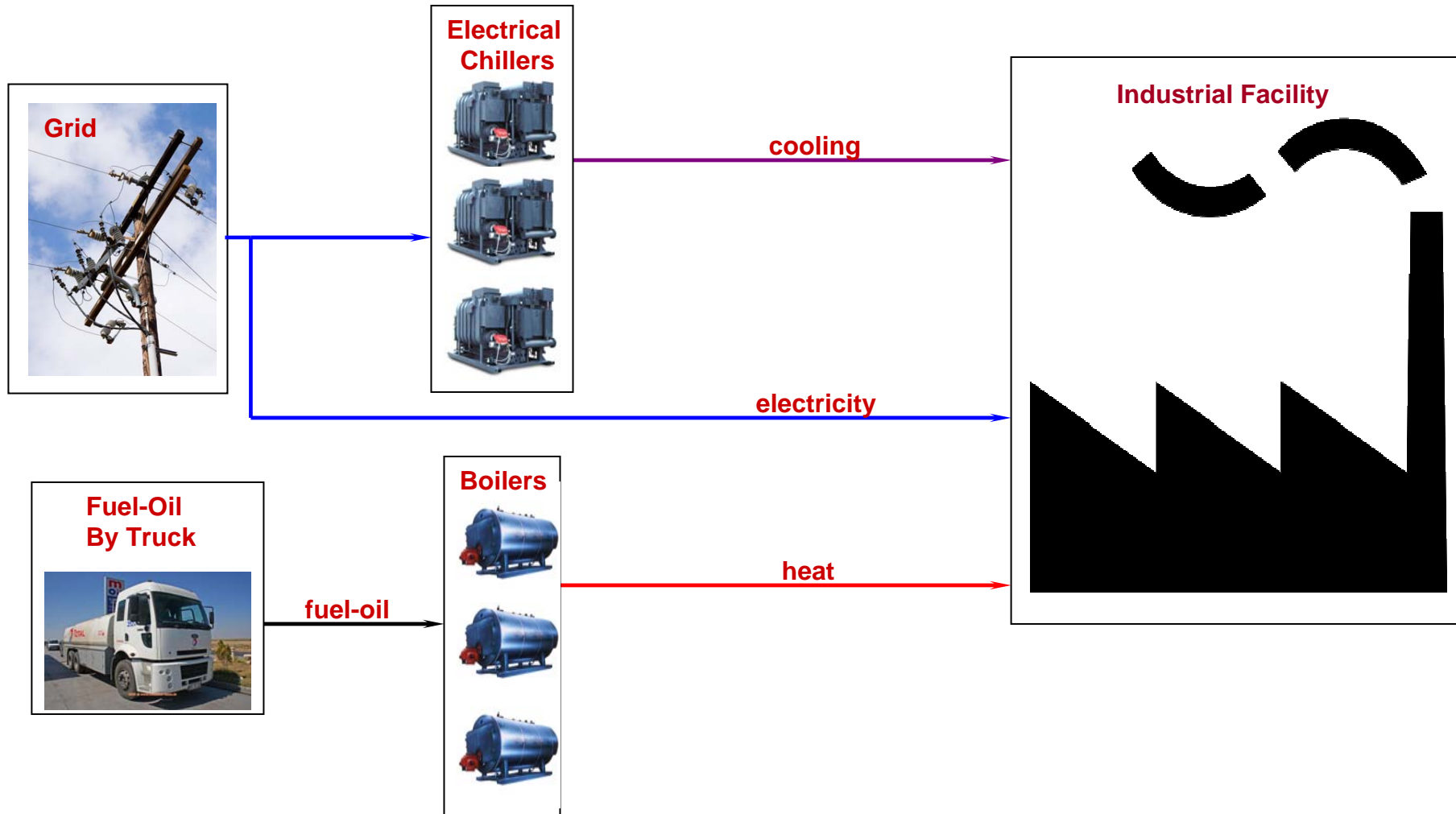


EB45 – Annotated agenda item 12a

Proposed new methodology based on NM0264

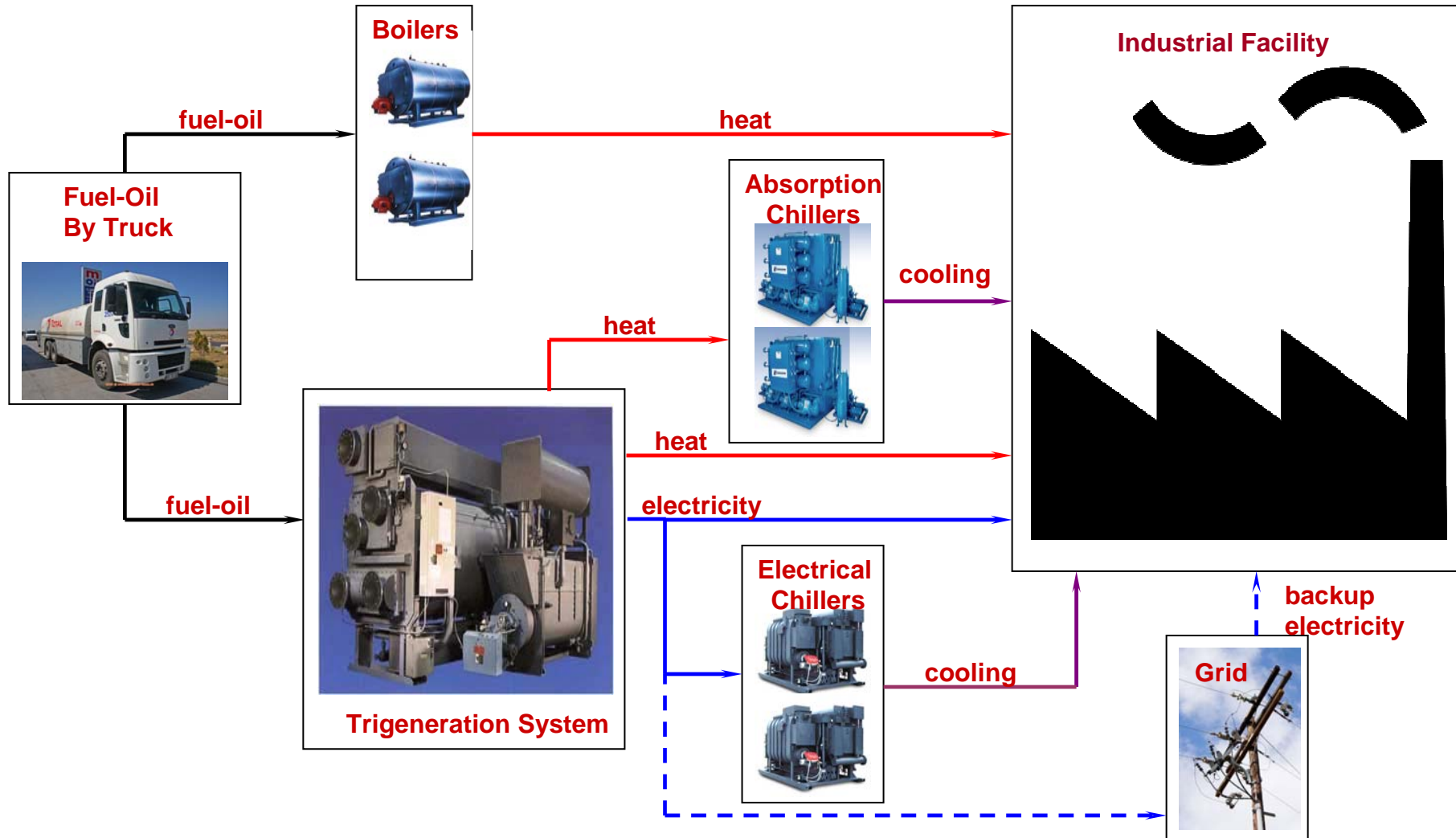
NM0264: Methodology for implementation of fossil fuel trigeneration systems in existing industrial facilities

Baseline scenario



NM0264: Methodology for implementation of fossil fuel trigeneration systems in existing industrial facilities

Project scenario



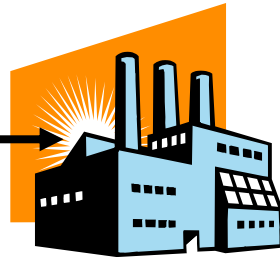
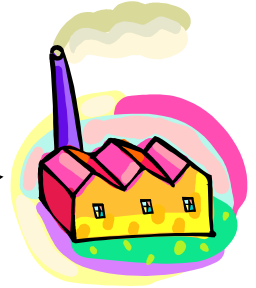
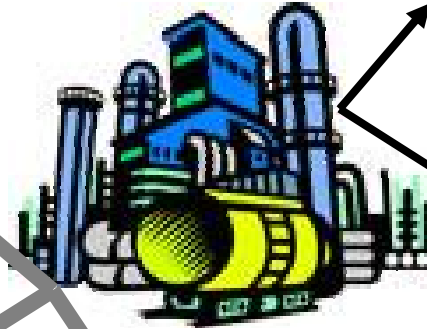
EB45 – Annotated agenda item 12a

Proposed new methodology based on NM0268

Titis Sampurna Semanggi Compressed Natural Gas Project

NM0268

project activity



UNEP



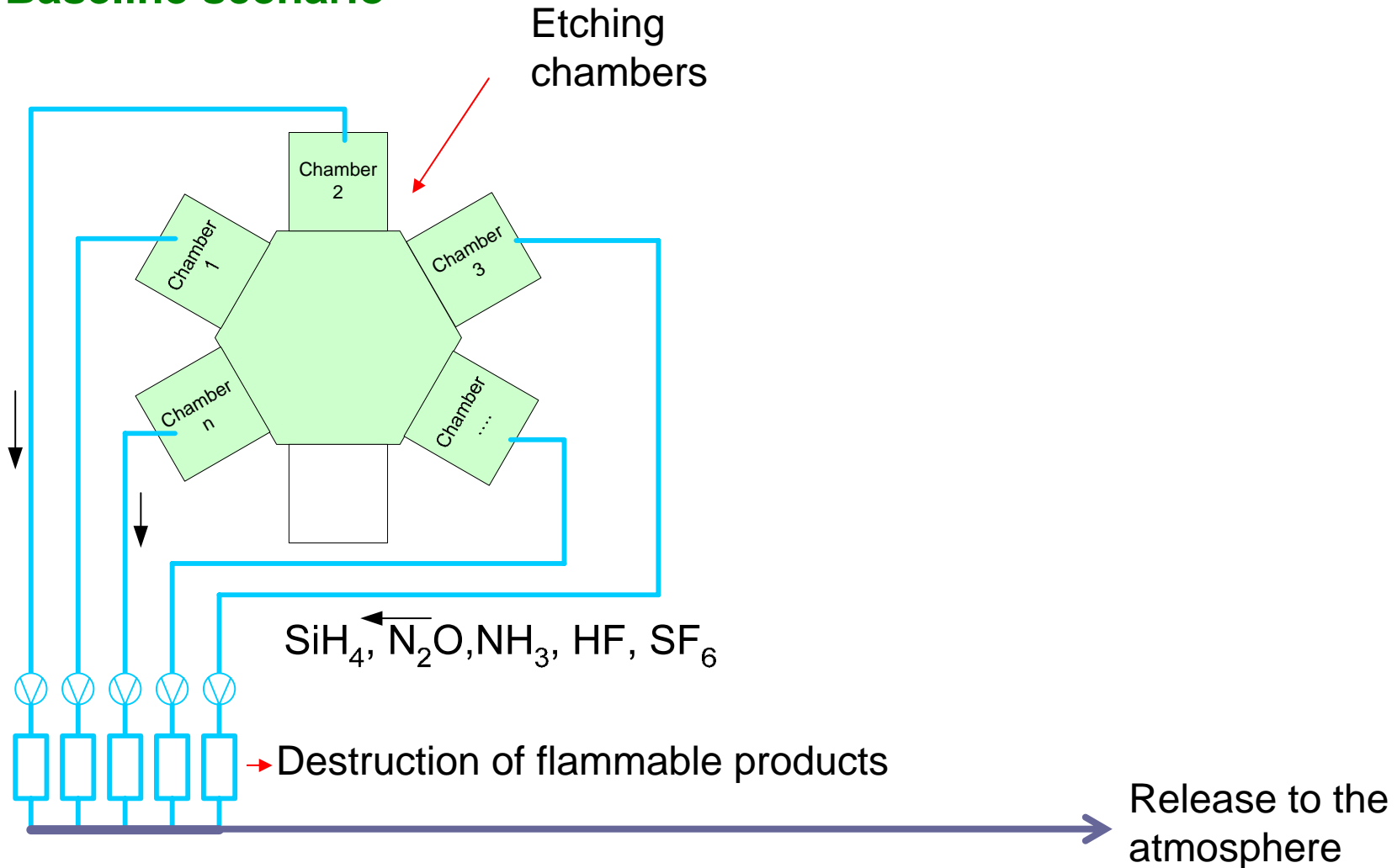
UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

EB45 – Annotated agenda item 12a

Proposed new methodology based on NM0271

NM0271: Methodology for SF6 destruction in LCD manufacturing operations

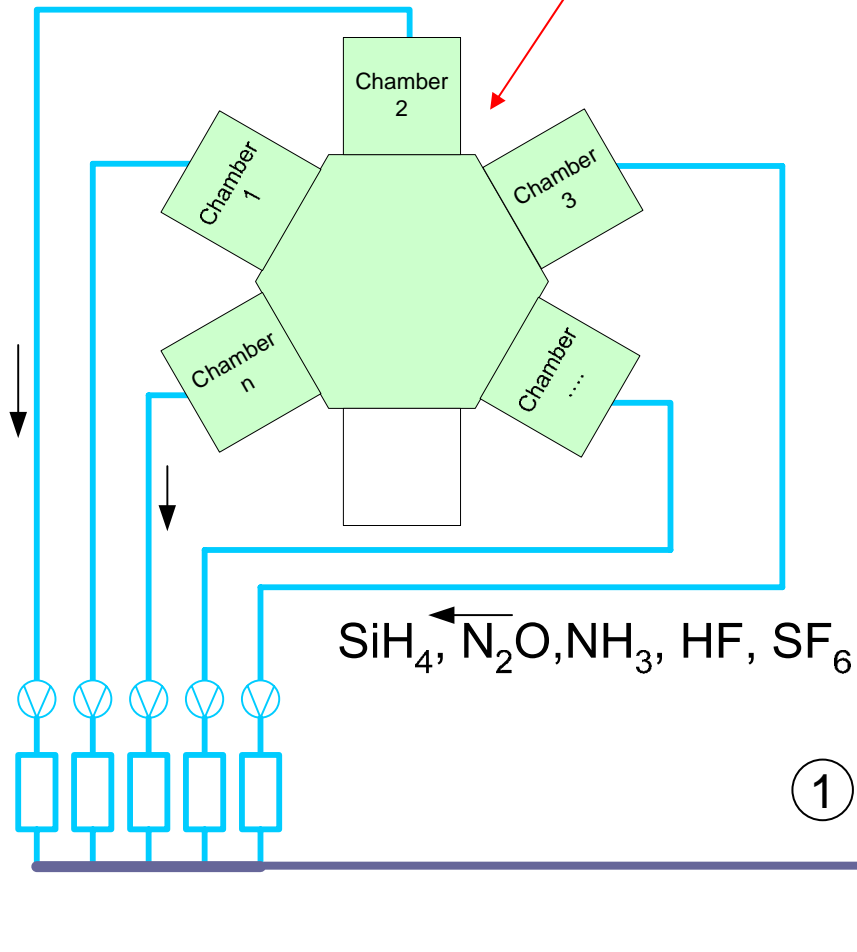
Baseline scenario



NM0271: Methodology for SF6 destruction in LCD manufacturing operations

Project activity

Etching chambers



- Continuous measurement of points 1 and 2.
- Calibration of measurement equipment every year

EB45 – Annotated agenda item 12b

« C » cases

EB45 – Annotated agenda items 15a and 22

**Revision to AM0021 and draft guidance
on estimation of quantity of adipic acid**

Revision of AM0021 and guidance to estimate adipic acid production in cases where it cannot be measured directly

The methodology applies to project activities that consist of the installation of a new dedicated N₂O decomposition facility at existing adipic acid production plants

The revision: The methodology requires that following parameters should be measured directly:

- Quantity of adipic acid produced in the baseline, defined as the maximum value of total amount of adipic acid produced in most recent 3 years before the implementation of the project activity, and;
- Quantity of adipic produced in the project activity.

Request for deviation (DEV # 0160) in EB44: In the production process of nylon-66 salt the quantity of adipic acid produced cannot be measured directly, as it is an intermediate product.

The revision now includes the provision that in such cases, the quantity of adipic acid can be estimated using stoichiometric balance from its derivative, which is measurable.

This approach can only be used where can be demonstrated that it is not possible to consume adipic acid sourced from outside in the production process concerned, for the purpose of producing derivatives of adipic acid.

The guidance: The guidance is developed to apply this provision for all the revisions of AM0021.

EB request to Meth Panel based on request for deviation (DEV#0160)

EB45 – Annotated agenda item 21

Draft tool to determine the baseline efficiency

Draft tool to determine the baseline efficiency

The tool describes various procedures to determine the baseline efficiency of an energy generation system, for the purpose of estimating baseline emissions.

Scope and Applicability:

This tool is applicable to energy generation systems that a) generate only electricity (and no heat); or b) produce only thermal energy (and no electricity).

The tool:

- is not applicable to cogeneration systems and waste heat recovery systems;
- is only applicable to energy generation systems that use a single fuel type;
- can be applied only if load is the main operating parameter that influences the efficiency.

Draft tool to determine the baseline efficiency

Options to estimate the baseline efficiency:

- a) Use the manufacturer's load-efficiency function
- b) Establish a load-efficiency function based on measurements and a regression analysis
- c) Establish the efficiency based on historical data and a regression analysis
- d) Use the manufacturer's efficiency values
- e) Determine the efficiency based on measurements and use a conservative value
- f) Use a default value