

JQA's experiences with validation of HFC Decomposition Project

CDM Methodologies and Project Design Workshop

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The logo for the Japan Quality Assurance Organization (JQA) is displayed in a white rectangular box. It consists of the letters 'JQA' in a bold, blue, sans-serif font. The background of the slide features a stylized illustration of a traditional Japanese pagoda on the right and a mountain range silhouette on the left, set against a light blue to orange gradient background.

JQA

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Application of New Methodology

- 2003/04 JQA entered into an agreement with
the project participant
: INEOS Fluor Japan Ltd.
- 2003/04 Submission of a new methodology
“NM0007”
- 2003/07 Approval of “NM0007”
- 2003/09 Modification of “NM0007
“ AM0001 : “Incineration of HFC 23
Waste Streams ”



Validation Process

2003/10 Start of validation

2003/10 Desk Review

① PDD(Version3.0 applying AM0001) :PP

② Desk Review Report :JQA

③ Response to Desk Review Report

PDD(Version3.1):PP



Validation Process

2003/11 Site visit to Korea

① **Site visit Report**

② **Response to Site visit Report**
:PDD(Version3.2)

2003/12 ① Preliminary Validation Report

② **Response to Preliminary Validation Report**
:PDD(Version3.3)



Validation Process

2003/12 Public Stakeholder Comment
Process(30 days)
:PDD (Version3.3)

2004/03 Accreditation⇒
provisional DOE

2004/07 Receiving the approval letter
from Korean DNA



Validation Process

**2004/09 Request for Registration
(Publicly available:8weeks)**

- Validation Report
- PDD(Version 5.0)

2004/11 Request for Review

2004/12 Under the Review



Expectations to the future from our experiences : Validation process

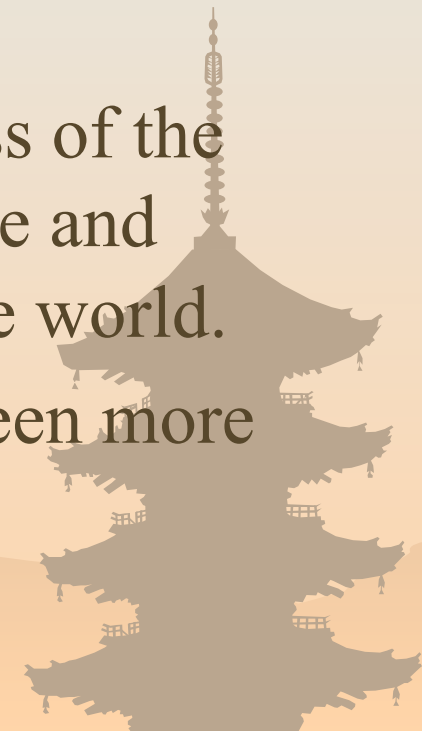
- ❁ **Reduce the time frame to approve new methodologies (Ulsan project case:6months)**
- ❁ **Reduce the time frame to complete the validation process (Ulsan project case :approximately 24months)**
 - *It takes final 8 weeks to register or request for review the project after the date of request for registration (para.41 CDM M&P)



Expectations to the future from our experiences : Validation Process

Site visit to Korea

- ❁ Appropriateness and realizability of the project design was confirmed.
- ❁ The site-visit might raise the consciousness of the project related people for the CDM scheme and the reduction of GHGs emitted all over the world.
- ❁ Finally the content of the validation has been more profound by this site-visit.



Expectations to the future from our experiences : Description of PDD

- ❁ **Section D. Application of a monitoring methodology and plan**

- * The collecting and archiving of information relevant to environmental impacts are missing.

- **Section D.4 Operational and management structure**

- * It is not easy to address the concrete description in the validation process

- Need the guidance



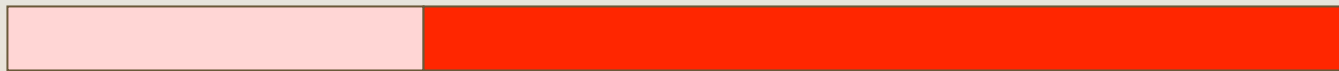
Expectations to the future from our experiences

Request for review

Request:

1. *There is a problem regarding the starting date of the project activity which is different from the start of the crediting period. ... it should at least start the crediting period when the separation and collection of HFC23 starts. Otherwise the amount of credits that can be obtained through the project activity would be artificially increased.*

the starting date of the project activity and the crediting period



□ Store the HFC23 before crediting
period :begins from 01/01/2003

■ Crediting period: Destruction of HFC
:begins from 24/03/2004



The definition of “Glossary of CDM terms” (01/July/2004)

- ❁ “Starting date of a CDM project activity”
the implementation or construction or *real action of a project activity begins*
- ❁ “Crediting period”
.... Project participants shall choose the starting date of a crediting period to be *after the date the first emission reductions are generated by the CDM project activity*



The definition of “AM0001/ Version02

❁ “Emission reduction”

The greenhouse gas emission reduction achieved by the project activity is *the quantity of waste HFC 23 actually destroyed....*



Expectations to the future from our experiences

Request for review

Request:

Two HFC23 flowmeters are used and that the average of the two measures is used to calculate the emission reductions if they deliver different values.

A conservative approach would have been to use the lowest value.



Our view

- ❁ The PDD intends to enhance the accuracy of the data through installing two flow meters with the same property.
- ❁ We judged adopting the average value of two measurements an usual way to reduce the uncertainty as low as possible.



Thank you very much
for your attention!

JQA

