Draft Executive Guide to Experience Programs Technical Artefacts Project

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1. Introduction

This project was initiated by Travel/Tourism experts after the Green Paper*1 on 'Sustainable Tourism-Experience Programs' was developed by the Domain. The experts found it necessary to develop the technical artefacts on experience programs (EPs) to make their EPs products traded globally. It was in September, 2019 that the project named as 'Experience Programs Technical Artefacts' was approved by Bureau. The development started formally soon after that, but had faced the severe COVID-19 pandemic issues since around April, 2020, to now. Travel related experts had to cease or suspend their activity during the development term. But the delayed development could finish around the end of 2021, and Bureau accepted the draft BRS to be in the process of Public Comments for 60 days. In June, 2022, after this process Bureau approved the revised BRS reflecting the comments received.

This project could start its activity with the support of the five HoDs *2 .

  Note 1: This was published in April, 2019 by UN/CEFACT.

  Note 2: The five HoDs are as follows: Greece, Spain, Russia, Finland and Japan

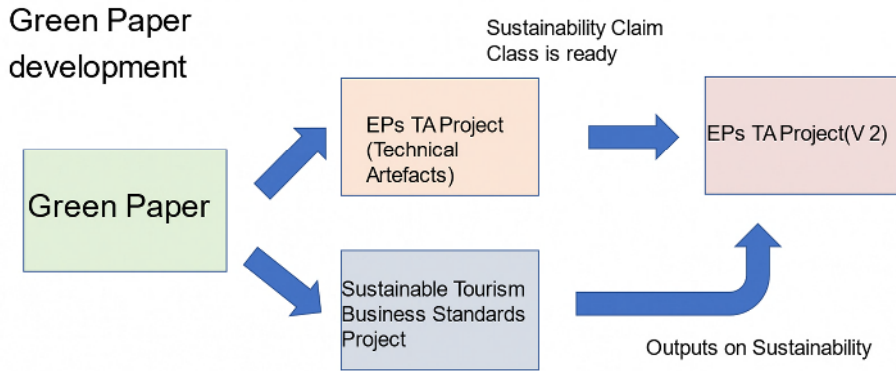## 2. What Experience Programs Technical Artefacts Project is

1) EPs and UNSDGs

EPs could be tourism products which are and will be created by local people to sustain their lives in local areas. The creators may be travel related persons, but may be by any persons of any business in the areas. They are originally keen to create EPs to sustain their environment and improve their quality of life. This is quite natural for them to follow the concept of UNSDGs.

It was understood when to develop the Green Paper that those travel products conventionally created in urban areas could be well handled by the same technical artefacts (TAs) of EPs, and it was decided to make no difference between them when to develop TAs. Conventional travel products should now be created by considering UNSDGs.

Fig.1 shows that this project will incorporate the working results of 'Business Standards for Sustainable Tourism' project, in which some guide have been under development by taking the concept of UNSDGs. As the project is now going on, the output will be taken in the

second version of EPs Technical Artefacts.

1. EP Technical Artefacts Project and SDGs Consideration

Green Paper
development

Sustainability Claim
Class is ready

| Green Paper | EPs TA Project (Technical Artefacts) | EPs TA Project(V 2) |

Sustainable Tourism
Business Standards
Project

Outputs on Sustainability

Fig. 1   Green Paper and EPs Technical Artefacts Project with its future development

2)   What the project is

This project is to develop technical artefacts to trade EPs and to exchange related information between trading parties, or Information Requester and Information Provider as is shown in Fig. 2. The basic process is between EPs information Requester and Provider, though there are a lot of different persons or corporations are concerned with different roles as could be seen in the figure.

UC EPs Information Process

EPs Information Process

EPs
Information
Requester

EPs Information

EPs
Information
Provider

Roles:
Buyer
Customer
Consumer
Travel Agent,
Payer
etc.

Roles:
Seller
Operator
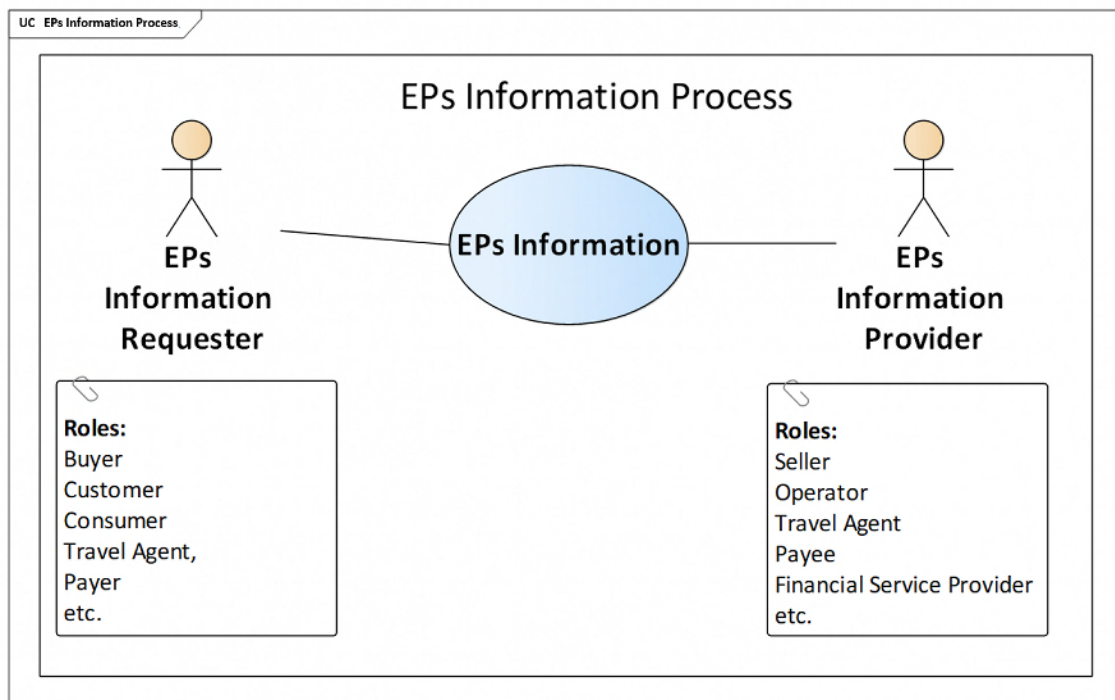Travel Agent
Payee
Financial Service Provider
etc.

Fig.2 Use case diagram

The project has provided with the following outputs for use under the UNCEFACT development procedures.

The deliverables of the project are as follows.

a. Business Requirements Specification (BRS)

In this BRS, class diagrams, BIEs and code lists, request and response message consists are included. These outputs could be used to form the XML messages in order to trade EPs and exchange related information by using such functions as to search, reserve, cancel, pay, etc.

b. Technical implementation Guide (See the separate edition)

3) Who benefits from the technical artefacts

The objective of the project is to make EPs trade available not only locally, but also globally. For this to standardize the exchanged data under defined processes is important. But EPs might be offered in the world market by smaller suppliers (SME) in smaller units, though the quality of the products might be excellent. This will need large efforts by the people concerned.
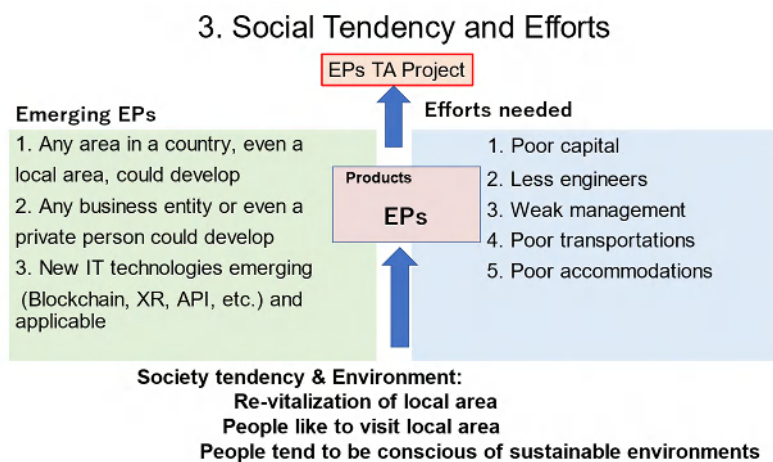

Fig. 3 Social tendency and efforts needed

However large the hurdle is, it might be expected the improved information technologies could give some good solutions to such suppliers and buyers around the world by an affordable cost, when the project could output the standardized deliverables.

3. Into the future

The efforts of the project will be going on even after this. The outputs should be understood and applied in the real trade of EPs by the world users as much as possible. are mainly based on the

ebXML specification.

To trade EPs globally buyers should be well acknowledged that the EPs bought are well harmonized with the concept of UNSDGs. Any indication or other guideline for this will be given by the project parallelly proceeding with this project as is shown in Fig. 1. Then it will be taken in the technical artefacts, though its present status provides a class to accommodate such indication in the technical artefacts.

It is recognized by the experts the users of the technical artefacts may expect to trade EPs easily and cost effectively by as simple as possible procedures, such as using smart phones. The API could better be applicable in the near future.

The next version of the project will be initiated.

Into the Future

1. Completion of the XML messages of EPs TA and expectation of their actual use
2. Migration of ST Indication out of ST project
3. API conversion of EPs TA by the concept of RDM
4. 2nd Version of EPs TA Project Proposal planned