INSPIRE identifier example: relevant for Natura 2000

INSPIRE unique identifiers consist of 2 parts[1].

> The first part is called a 'namespace', which identifies the data source. This namespace is owned by the data provider and must be registered in the 'INSPIRE External Objects Identifier Namespace Register[2]' e.g. for the Slovak Agency for Natura Conservation (SOPSK) this could be SK.SOPSK.
>
> The second part is called the 'local identifier' which is assigned by the data provider. The local identifier is unique with the 'namespace' i.e. no other spatial object produced by that data provider can have the same identifier.

Furthermore each unique identifier must satisfy 4 requirements[3]:

> 1. Uniqueness: The identifier has to be unique within all the spatial objects published. It should be noted that different versions of the same spatial object will still have the same identifier, this necessitates that identifiers are not reused.
> 2. Persistence: The identifier has to remain unchanged during the life time of a spatial object.
> 3. Traceability: The identifier must supply sufficient information about the source of the spatial object so that the download service can be determined.
> 4. Feasibility: The system has to be designed to allow that identifiers under existing national identifier systems can be mapped.

Furthermore, and building on from the 'feasibility' requirement, additional identifiers may also be represented[4] with the 'SiteIdentifier'[5] attribute. This attribute may be used to store the Natura 2000 code.

In practical terms this means that for a Natura 2000 site e.g. SKUEV0319, the site will have two identifiers 1) the **InspireID** attribute and 2) the **SiteIdentifier** attribute.

The InspireID attribute could look like this: SK.SOPSK.SKUEV0319
                                                                 (Or SK.SOPSK.123456)

The SiteIdentifier (Natura 2000 code) in the
Standard Data Form would be this: SKUEV0319

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[1] INSPIRE Generic Conceptual Model D2.5 v3.3 section 14.2
[2] http://inspire-registry.jrc.ec.europa.eu/registers/FCD
[3] INSPIRE Generic Conceptual Model D2.5 v3.3 section 14.1
[4] INSPIRE Data specification on Prottected Site –Guidelines v3.1 Section 5.2.1.4
[5] INSPIRE Data specification on Prottected Site –Guidelines v3.1 Section 5.2.3.2.5

Attribute: namespace

Definition: Namespace uniquely identifying the data source of the spatial object.

Description: NOTE the namespace value will be owned by the data provider of the spatial object and will be registered in the INSPIRE External Object Identifier Namespaces Register.

Value type: CharacterString
Multiplicity: 1
Stereotypes:

Attribute: localId

Definition: A local identifier, assigned by the data provider. The local identifier is unique within the namespace, i.e. no other spatial object carries the same unique identifier.

Description: NOTE it is the responsibility of the data provider to guarantee uniqueness of the local identifier within the namespace.

Value type: **CharacterString**
Multiplicity: 1
Stereotypes: