

Transferability Analysis & PoF TA Methodology

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Conditions of *relevancy* to transferability (1/2)

- **Adequacy concepts** defined by **Motorways of the Seas**, adapted to the **Port of the Future** context: a project has an adequacy relevancy if it measures its:
 - compliance to **Innovativeness** (Innovative Concept)
 - potential for **peering** across other EU ports and/or with neighbouring countries
- **NICHES+ 6-step methodology** developed by **POLIS**, adapted to the port context as the **DtF PoF TA Methodology**
- Transferability is measured **from concept to realisation**
- Collaborative efforts (**port-peering**) on dissemination of best practices around IC's across as much as possible ports

Conditions of *relevancy* to transferability (2/2)

- contribution to specific Project Peering leads to **best-in class** wide-scaled application considering TA through **risk management of recognized barriers & constraints** with **risk mitigation provisions**
- ***Independent dimension*** from objectives and innovativeness
- Any project owner can run the full **PoF TA Methodology** to define
 - Project vision and related target objectives and KPIs
 - Impact towards its **hosting city** and served **hinterland**
 - Project and project stakeholder contribution to one or more of the
 - **5 WSPS Focus Areas**
 - **10 AIVP Agenda 2030 Agenda** and/or
 - **17 UNSDG's** with

for each, their diversity in **Performance Indicators** and **SMART Measures**

Transferability Analysis (TA) (2/2)

- TA-score versus TA-Index
 - **PCT** = *Potential Contribution towards Transferability* = **TA-score**
anticipation or expectation for a potential transferability
 - **EoT** = *Ease of Transferability* = **TA-index**
making use of **PoF TA Methodology** detailed knowledgeable assessment

The TA-index is **independent** from a project's **innovativeness**
- TA scenarios
 - **Multi-port participation projects**: based on collaboration in living labs or pilots
 - **"CHAMPION" approach**: **donor port** offers experience/expertise and/or solution to assist/guide an **adaptor port** in implementing same or similar solution
 - **Port peering**: (voluntary) collaborative engagement between ports to combine its resources during the (entire) life cycle of a project development and deployment.
- TA project-peering across borders aligned with the PoF Roadmap 2030
 - **EU cross-border projects**: INEA promotes collaboration within & across EU countries
 - **Neighbouring countries**: EU promotes project partnerships through multiple programs

Transferability Analysis (TA)

PCT = Potential Contribution towards Transferability = **TA-score**

SCALE	definition of potential contribution towards transferability (PCT)
0 (zero-weight)	NOT measured: single port , OR similar solution (s) already exist AND/OR has no horizontal applicability (no efforts undertaken to peering or champion solution in potential adaptor ports)
1 (low)	No to low support or high constraint for transferability: project supports an IC, but no barriers/constraints considered or investigated OR transferability has high risk
2 (medium)	Modest support for transferability: project supports an IC, applicable to targeted ports, constraints/barriers & resolutions suggested, but NO peering resources to implement solution
3 (high)	Limited potential for transferability: project supports an IC, applicable at <u>some (1 to 4) targeted ports</u> , constraints/barriers & resolutions suggested, AND peered resources across a <u>minimum of 3 ports to implement</u> (through port-peering and/or Champion approach)
4 (strong)	wide support for transferability: project supports an IC, applicable at <u>multiple (5 or more) targeted ports</u> , constraints/barriers & resolutions + risk management provisions established or anticipated AND has peered resources across various ports (<u>3 or more</u>) to implement solution simultaneous (through port-peering and/or Champion approach)

The PoF TA Methodology (1/2)

The PoF TA Methodology promotes the uptake of the most promising innovative concepts, in order to transfer them **from their current "niche" position to a mainstream application**. Each concept is illustrated with good practice examples, key benefits, decision criteria for implementation and useful references, outlining the following aims:

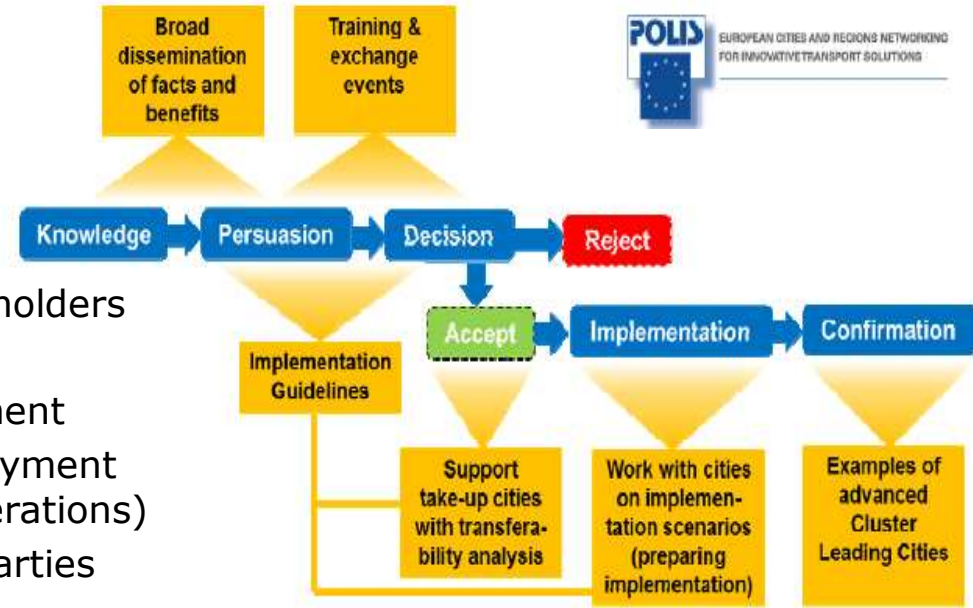
- ✓ **Networking opportunities:**
stimulate exchange between a wide range of stakeholders from all over Europe
- ✓ **Publishing effective guidance for all stakeholders:**
brochures including key information on how to successfully implement the selected innovations
- ✓ **Spreading the word:**
European and national events to effectively disseminate the project results and to encourage uptake of the innovative concepts
- ✓ **Groundwork for establishing projects with supply chain actors:**
additional resources and support available to develop concrete implementation plans for innovative concepts

The PoF TA Methodology (2/2)

TA Risk Assessment & Management Provisions:

Define, assess and agree:

- ✓ **Expectations** from all stakeholders
- ✓ **Common PM & reporting system**
- ✓ **Knowledge & skills** (available resources or insourcing of experts)
- ✓ **insights & recommendations** by stakeholders
- ✓ **Detailed planning** of ALL resources
- ✓ **Barriers & constraints** in new environment
- ✓ **Risks or barriers** at development, deployment & integration (data, business models, operations)
- ✓ Define/agree **costs & benefits** for ALL parties



The PoF TA Methodology and its outcome weighing

EoT = Ease of Transferability = **TA-index** (consolidation of assessment):

- IC and its context with impacts and measure of success contributing to **PoF SO's**, using the **DtF KPI-set**
- Components and their characteristics, required for **successful implementation**, in **confirmation with stakeholders**
 - **ease & challenges** achieving results in the adopter port
 - consider all **sets of values** and **assess** (external) **conditions** required

SCALE	definition of ease in realising expected success and managing identified risk (EoT)
+2	strong support for transferability
+1	modest support for transferability
0	Neutral
-1	modest constraint for transferability
-2	strong constraint for transferability

Ultimately, the **TA-score & TA-index** shall be communicated with the **PoF DtF NoE**, where information is captured on the **PoF Dashboard** for further processing in DSS-tool.

Up next: The DtF DSS tool

