



Transferability strategy

DELIVERABLE ACTION E5

METSÄHALLITUS 2022

The beneficiaries have planned together a transferability strategy for the project in the action E5 Transferring the lessons learnt, international co-operation and networking with other projects. The plan has been made in order to jointly analyse the potential for transferring the key outcomes and lessons learnt to national and international stakeholders. The plan will be followed up and reviewed yearly. The strategy is in excel format that is easy to edit and attainable for everyone working with the project. This deliverable is the first strategy.

In the transferability table there are columns for 1. Whether the transferability action is part of the original project plan, modified from the plan, or not part of the project. The proportion of these action types are also presented in a pie chart in the end of this document. 2. Action number if the transferability action is part of the project, 3. Action names, 4. Key outcomes, 5. Beneficiary short name, 6. Target group of the transferability action, 7. Type of involvement of the target group, 8. Timetable especially if part of the project, 9. Planned transferability to national stakeholders and 10. for international stakeholders. In addition to these, the realised transferability both nationally and internationally will be updated to the table throughout the project. Moreover, the beneficiaries will keep record of the presentations and media visibility in addition to this table.

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Hanke on saanut rahoitusta Euroopan unionin LIFE-ohjelmasta. Aineiston sisältö heijastelee sen tekijöiden näkemyksiä, eikä Euroopan komissio tai CINEA ole vastuussa aineiston sisältämien tietojen käytöstä.

1: part of the original project plan; 2: modified from the project plan; 3: not part of the project									
Action numbers	Action names	Key outcomes	Beneficiary short name	Target group	Type of involvement	Timetable	Planned transferability to national stakeholders	Planned transferability to international stakeholders	
1	A1, C1 and D1	Preparing, implementing and monitoring a genetic rescue plan of Saimaa ringed seal	Genetic rescue of rare and threatened species	UEF, HY, MHPWF	Researchers	Expert work	Genetic rescue plan (completed) 31.3.2022; Report on the translocations 30.6.2025; Report on the success of the translocations and veterinary care 31.12.2025	The project shares knowledge with LIFE Borealwolf (LIFE18NAT/FI/000394) on genetic methods and population estimation. Education lessons for people participating to the translocations. Collaboration with vets on animal health.	Know-how sharing in international conferences and scientific articles during and after the project.
1	A2	Novel population monitoring tool using noninvasively collected DNA samples	Novel population monitoring methods based on individual identification with DNA	HY	Researchers	Expert work	Genetic method for individual identification and kinship assessment 31.10.2022; First population estimate 31.12.2022; Technical manuscript on new genetic identification method 31.12.2022; Report on genetic monitoring 31.12.2022; Scientific manuscript describing the genetic method for estimating population size of the Saimaa ringed seal 30.6.2024	The project shares knowledge with LIFE Borealwolf (LIFE18NAT/FI/000394) on genetic methods and population estimation.	Know-how sharing in international conferences and scientific articles during and after the project.
1	A3	Remote sensing approaches as a novel monitoring tool for ringed seals	Novel population monitoring methods based on individual identification with photo-ID	UEF	Researchers	Expert work/ collaboration	Preliminary population estimate 31.10.2021 (completed); Results from photo-ID and aerial census 30.6.2023; Population estimate 30.6.2024; Report on photo-ID and aerial censuses in the Archipelago Sea 30.6.2023; Photo-ID in Lake Saimaa - best practices for current and future use 30.6.2023; Scientific manuscript on new monitoring method in Lake Saimaa 31.12.2024	1. Transferability of photo-ID is conducted in Archipelago Sea during the project to enhance population monitoring. 2.Events for volunteers.	Know-how sharing , presentations in international conferences and scientific articles during and after the project.
1	A4 and C6	Health status and disease risk estimation and best practices and animal welfare network for injured and distressed Saimaa ringed seal individuals	Health monitoring of rare and threatened species	MHPWF, UEF and FFA	Vets, researchers, policymakers	Collaboration/ expert work	Manuscript of the toxic load of the Saimaa ringed seal 30.6.2022 (completed); A scientific manuscript on social networks 31.12.2023; Handbook on animal welfare and health - best practices in individual and population level 31.12.2025	1. Education events for vets and volunteers (during the project). 2. Handbook on the seal welfare and health (deli 12/2025) for vets and seal experts to be used during and after the project. 3. Information on seal health is used in the updating of the Saimaa ringed seal conservation strategy and action plan after the project.	1. Consultation of the best practices and know-how sharing in the international Rare Pinniped Conservation Network (during the project). 2. Know-how sharing in the second international conference of the endangered animal populations (this project action E6) 3. presentations in international conferences and scientific articles during and after the project.

1	A5, C2 and D2	Development of the artificial nests, restoration of the breeding habitat and monitoring the breeding success	Practical protection of arctic seals in warming climate	UEF, MHPWF and TUAS (FANC participates in subaction C2.1.)	Researchers, volunteers	Expert work/collaboration	Technical manuscript on the artificial nest structures 30.11.2023 (completed); Diagrams and instructions for building, setting and maintaining an artificial nest box 31.12.2023; First artificial nest prototypes for Archipelago Sea built (completed) 28.10.2021; First artificial nest structures deployed to Archipelago Sea (completed) 21.12.2021; 5-10 artificial nests tested in Archipelago Sea area 31.10.2024; Report on the efficiency of the restoration methods of the seal's breeding habitat 19.12.2025	1. Know-how sharing meetings and field trips between Saimaa and Archipelago sea (during the project). 2. Local volunteers briefed for making man-made snowdrifts and installing artificial nests (during the project, in Saimaa area).	Consultation on improving the breeding conditions (C2), development of artificial nests (A5) and monitoring the breeding success in areas with species affected by warming climate, e.g., in Lake Ladoga (during the project, international conferences).
1	A8	Updating the Saimaa ringed seal conservation strategy and action plan	Strategy that leads the conservation of the Saimaa ringed seal	ESAELY, MHPWF, POKELY, UEF, UH	Policy makers, conservation authorities, stakeholders	Expert work/collaboration	The working group's proposal for an updated strategy and action plan submitted to the Ministry of the Environment for evaluation (completed) 31.5.2022; Report including suggestions for the updating of the Conservation strategy and Action Plan 31.12.2022	1. The Strategy and action plan mainly guides the work of the authorities. 2. The stakeholders participating in the work of the working group have also approved the plan before handing it over to the ministry. The representatives of the stakeholders communicate the goals of the plan to the members of their organizations and instruct their activities. 3. The working group of the Ministry of Agriculture and Forestry will take the plan into account when preparing fishing restriction regulations for the next five-year period in 2025.	Investigation on the possibility to use the plan in the preparation of protection or management plans for some other seal species.
1	C3 and D3	Development of the control over regulations protecting the ringed seal and monitoring of the efficacy of the improved surveillance co-operation	Improved surveillance by co-operation of law enforcement, local water area managers and rangers	MHPWF, WWF	Local water area managers and law enforcement	Collaboration	Voluntary fishing supervisors contacted, networking started (completed) 30.4.2021; First and second surveillance training sessions held (completed) 31.10.2021 and 31.10.2022; Third, fourth and fifth surveillance training sessions held 31.10.2023, 31.10.2024 and 31.10.2025; Annual surveillance report 2021 and 2022 (completed) 31.12.2021 and 12.9.2022; Annual surveillance report 2023, 2024 and 2025 31.12. in each year; Information of obeying the fishing regulations and local surveillance collected 31.8.2025; Report on the efficacy of the local surveillance 31.10.2025; Report on the ghost nets in Lake Saimaa 31.12.2025	1. Monitoring operations together with the police and voluntary monitoring network during the project in Saimaa area. 2. Project uses lessons learnt from LIFE Borealwolf (LIFE18NAT/FI/000394) and collaborates with the project (during the project). 3. After the project, there will be an active monitoring network at Lake Saimaa, monitoring fishing regulations and recruiting new fishing supervisors.	
1	C2, C6 and D2	Restoration of the breeding habitat of the ringed seal in the changing climate, monitoring the nesting success in artificial nests and in man-made snowdrifts and creating animal welfare network for injured and distressed Saimaa ringed seal individuals	Volunteers in protecting marine mammals	MHPWF	Conservation workers and locals	Collaboration	First education events for local vets organized 27.10.2022 and 16.2.2023; Shapefiles on routes on ice and their start points, and areas with currents created in October 2022 and will be updated with information from volunteers; Lists of volunteers and their areas of responsibility created (completed) in May 2022;	Know-how on how to build and coordinate volunteer network of committed, mostly local, people, and thus increase the acceptability of the conservation (during and after the project in Saimaa area). Development of GIS-data and data of volunteers.	Know-how on how to build and coordinate volunteer network of committed, mostly local, people, and thus increase the acceptability of the conservation of endangered species, e.g., the Ladoga ringed seal and the Mediterranean monk seal (during and after the project in international conferences).

1	C5	Development of seal-safe fishing gear for non-commercial fishermen	Seal-safe fishing gear for non-commercial fishermen	LUKE	Laypeople	Audience	Articles (2) on non-commercial fishermen's periodical II/2024 and II/2025 30.6.2025; Results reported, deliverables made and project fully reported 30.9.2025		
1	E1.7	Development and publication of the principles of seal friendly tourism	Published principles of seal safe tourism	MHPWF	Entrepreneurs	Audience	Seal information package for tourism operators (completed) 31.3.2022; Principles of sustainable seal tourism formed (completed) 30.3.2022	The principles are formed in an open process and they will be communicated also to the public during the project. Result: 75 % of tourism companies who actively operate on Lake Saimaa will commit to these principles (app. 25 companies; during the project, in Saimaa area).	Know-how sharing for areas with similar issues with tourism during the project in international conferences. E.g., Mediterranean monk seals are affected by human disturbance.
1	C4	Campaigns for increasing the use of seal-safe fishing gear. Seal-safe fishing gear for non-commercial fishermen.	Information and guidelines on how to use seal-safe fishing gear	FANC	Laypeople	Audience	Information material (brochure with the fish trap instructions and a slide show) on seal safe fishing will be produced and made available both online and in print 30.6.2022 (completed); At minimum 500 seal safe fish trap distributed during the project (100 each year) 31.7.2025; Interim report each year 30.9.2025. At minimum 50 fish trap workshops will be organized by 06/2025. Interviews/surveys about the attitudes towards seal safe fishing methods, seal protection and the readiness to change fishing habits will be examined in the workshops.	The instructions for building seal-safe fish traps for fishermen will be produced in the beginning of the project, and information about seal-safe fishing will be disseminated to non-commercial fishermen throughout the project in the Saimaa area.	Brochure about seal-safe fishing and instructions for building a seal-safe fish trap will be produced in English and in Russian. Brochures are made available online (completed).
1	D3	Pilot study to search for ghost nets in Lake Saimaa	Report on the ghost nets in Lake Saimaa	WWF	Researchers, authorities	Expert work/collaboration	The field work carried out in the study areas twice in the project (the second round in 2025), report by the end of the project.	The information collected in this action will be used in updating of the fishing restriction regulation in Lake Saimaa (the government decree on some fishing restrictions in Lake Saimaa will be updated in 2021 and 2026), and of the seal's conservation strategy. The survey method developed in this actions could be used in shallow sea areas (like in the Baltic sea)	The survey method developed in this actions could be used in shallow sea areas (like in the Baltic sea)

1	D4, D5, F1	Socio-economic impacts and ecosystem services of the project. Evaluation of the development of the sustainable seal tourism and attitudes of nature tourism operators and nature tourists. After Life plan.	Reports of the socio-economic effects and the project itself	MHPWF, LUKE, UEF	Nature tourism operators, regional tourism boards, nature tourists, Finnish people in general, local residents, summer cottage owners, recreational fishers and nature tourists	Audience/ Expert work	Recreation benefits reported 1.10.2022; Costs for recreational fishermen reported 1.10.2023; Report of the recreation benefits 31.10.2022; Report of costs for recreational fishermen 31.10.2023; The first tourism operator survey conducted 1.6.2021; The online questionnaire for participants of seal safaris launched (completed) 1.2.2022; Linnansaari National Park visitor study conducted 30.4.2025; Linnansaari National Park visitor study (electronic publication) 31.10.2025; After-LIFE conservation plan (part of the Final report) 31.12.2025	1. The socio-economics impacts of the activities for Saimaa seal conservation are assessed with cost-benefit analysis that compares the costs and benefits of conservation on different conservation levels that produce different seal populations. Seal experts plan together in workshops the most important conservation efforts. 2. The action D5 will produce information on the effects of the project actions (especially E2 & E3 and other actions and also contribute to the design of the project actions. The knowledge obtained from the first nature tourism operation survey is also used in the action E2 when forming the principles of sustainable seal tourism and in the action A8 Management plans when combining different goals (eg. conservation and tourism activities) in the protected areas. 3. After Life plan will include three sections: a) conservation strategy and action plan of the ringed seal after the LIFE, b) dissemination and communication of the project results after the LIFE and c) After Life plan funding of the after-LIFE management and dissemination. The plan will describe what conservation actions will be carried out after the project, when they will be carried out and by whom and how to disseminate the information of the project findings after the project.
1	E4, E1	Live camera Archipelago Sea. General media work, informing public & Layman's report.	Education via media work, live stream of the ringed seal life, public events, and nature paths	FANC, WWF, MHPWF	Laypeople	Audience	Live web stream for the year 2022 (completed) 31.12.2022; Live web stream for the year 2023 31.12.2023; Project website published (completed) 30.4.2021; Website for volunteer work (completed) 31.1.2021; First public event organized (completed) 31.12.2021; Infoboards ready and placed on central locations 31.8.2022; 5 media events/excursions organised 31.12.2022; Seal information points ready 31.12.2022; Second and third public event organized 31.12.2023, fourth 31.12.2024 and fifth 31.12.2025; Sarviniemi nature path ready and info boards placed (completed) 31.10.2022; Total of at least 10 media events/excursions organised 30.9.2025; First temporary exhibition 31.12.2022; Second temporary exhibition 31.12.2024; The Saimaa seal brochure 31.12.2022; Layman's report 30.9.2025; 30 events/meetings for FANC's seal volunteers organised 12/2025.	The project demonstrates knowhow how the live camera could bring attention to the species and its situation: -generate media interest around the subject, even media excursions. -reach laypeople in great amount to learn about the species and see it live on it's own environment. The project also encourages to team up with media like WWF:s WildLive platform, which already has audience and can multiply the reach. Information about the seals will be disseminated at various events around Lake Saimaa, as well as through local, regional and national communication (own channels, e.g. webpages, social media, as well as via press/media).

1	E2	<p>E2.1 Seal education for children and youth (FANC). E2.2 Multidisciplinary learning module on ringed seals (WWF FINLAND) - seal education for children and youth E2.3 Teacher training sessions on ringed seals and environmental education (FANC & WWF FINLAND)</p>	<p>Environmental education for children and young people and teacher training sessions. New digital and printed learning material. Education via mobile exhibitions.</p>	FANC, WWF	Teachers, schools and kindergarden children	Audience, colloboration	<p>E2.1 School and kindergarden visits at least 10/year organized 31.10.2025; Movable exhibition, set up in at least 40 places 31.12.2025; School groups invited to Saimaarium, lectures and workshops around the theme "the Saimaa ringed seal and its environment Lake Saimaa" offered, 50 events/workshops 31.12.2025. Updated digital teaching material 31.12.2022. E2.2 Planning and testing with 1-3 pilot schools: 2-6 workshops with pilot schools 31.5.2022 (completed); A model for multidisciplinary seal education foreseen deadline 30.9.2023; New seal-related educational materials to support the model for multidisciplinary seal education foreseen deadline 30.9.2023 E2.3 At least six teacher training sessions during 2023-2024. Foreseen deadline 12/24. Teacher training sessions will be organized when the model for multidisciplinary learning module and materials are ready for sharing. School and kindergarden visits at least 10/year organized 31.10.2025; Movable exhibition, set up in at least 40 places 31.12.2025; Updated digital teaching material 31.12.2022</p>	<p>E2.1 (FANC): School and kindergarden visits mainly carried out in the Lake Saimaa region will reach the children, many of whom in the future will be e.g. the residents, decision-makers and fishermen in the key area of the Saimaa ringed seal habitats. Hence, early education and building of a lifelong positive, protecting-loving attitude towards protecting the seals is of key importance in these regions. Environmental education is supported by education events and the movable exhibition, set up in e.g. schools, libraries and other public venues, where it will reach different demographics and various age groups. E2.2 The action is targeted to the whole country, because ringed seals raise interest all over Finland, and people from all over Finland travel to areas of ringed seal habitats . At least 10 000 children and their teachers all over Finland will be reached through multidisciplinary learning module and thorough the new digital and printed learning material.</p>	
1	E3	<p>Movie called "Operation Saimaa ringed seal"</p>	<p>Increased knowledge on the Saimaa ringed seal and its conservation</p>	DOCART	Laypeople	Audience	<p>The film "Operation Saimaa ringed seal" ready 31.12.2023</p>	<p>The film is distributed by the Finnish broadcasting company YLE on tv and web, reaching a wide adiance. The goal of the film production is: - to increase knowledge about the Saimaa ringed seal - to raise awareness about the climate change impacts for the future of the Saimaa ringed seal and its habitats - to increase knowledge of the conservation work and novel methods to save Saimaa ringed seal - to strengthen the motivation of local people, communities, authorities, decision-makers and NGOs to work and find new effective ways to preserve the Saimaa ringed seal - to reach a large audience both on television and on web.</p>	<p>The film is planned to be distributed to international film festivals and TV channels after the Finnish broadcast.</p>

1	E5, E6	Transferring the lessons learnt, international co-operation and networking with other projects. Conservation conferences of the endangered animal populations.	Transferring the lessons learnt via professional workshops and seminars	MHPWF, UEF (and all)	Researchers	Expert work/collaboration	1st Project facilitation workshop held 31.12.2022; Attended two international seminars and presented project and its results 31.12.2022; 2nd Project facilitation workshop held 31.12.2023; Transferability strategy compiled 31.10.2022; Species conservation briefs compiled 31.12.2023; 4 posters presenting project results in congresses 31.12.2024; 1st conference/workshop of the endangered animal populations held 31.12.2022 (Postponed to 2023); 2nd conference/workshop of the endangered animal populations held 31.12.2023 (postponed to 2024)	National experts will be invited to the workshops organised in this project to network and share know-how.	1. The project results will be shared to experts in international conferences via talks and posters. 2.The project will organise and share project results on 2nd Workshop of rare pinniped conservation network (https://www.mmc.gov/rapcon/) gathering experts from various countries working with endangered pinniped populations. RAPCON is led by the Marine Mammal Commission. Second workshop organised within the project will be on pinniped health, where the project shares results from the health action.
1	E1.11	Guidelines and recommendations regarding winter and spring movement and both construction and use of houses and cottages on the shore in Lake Saimaa	To increase public awareness about the ecology and the need for peaceful breeding season of the Saimaa seal.	ESAELY	Municipal authorities and inhabitants, cottage owners and other people who are using the area in winter and spring	Audience/ Authorities/ Expert work	Meetings has been organized with snowmobile clubs on 2021 and municipal authorities on spring 2022. More materials and advice will be distributed to the authorities during the LIFE-project if needed. Roll-ups has been taken to Joensuu, Lappeenranta, Mikkeli and Savonlinna Libraries on January 2022. They will at Libraries until the end of the LIFE-project. Advertisements has been published in newspapers and electric newspapers on May 2022. More advertisements will be published during the LIFE-project.	1. Municipalities will use the knowledge and materials when planning land use in shore areas. 2.If necessary, the municipalities request statements from the ELY Centers on building permit applications. 3. Municipalities will attach material delivered to them, for example, to the building permit decisions. 4. The roll-ups as well as brochures can be left in the libraries after the project, if the libraries wants it. 5. The brochure was published in both paper and electronic form. The link to the electronic brochure can be shared by various stakeholders and organizations, like snowmobile clubs, also after the end of the LIFE project.	
2	C6	Creating best practices and animal welfare network for injured and distressed Saimaa ringed seal individuals	Utilizing the material generated in the project in education of veterinarians.	Korkeasaari ZOO	Vets	Audience	Ongoing		
3			Merge of small fisheries into larger areal entities, which enhances the settling of new contracts on fishing restrictions when seals expand into new areas.	ELY centers, MHPWF	The body of joint owners of the jointly-owned water area in Lake Saimaa	Expert work	Ongoing		

3	Electronic database for information sharing to water area owners and fishers in central Lake Saimaa	Creating and updating the electronic communication, information and contact information database (https://kalastusetelasavo.fi/) for water area owners in central parts of Lake Saimaa	South Savo fisheries region	Water area owners, fishers, seal conservation authorities, ELY centers	Collaboration	Ongoing	
3	Saimaa ringed seal lair and resting site data to LajiGis, Viranomaisportaali and Laji.fi portals	Quick and easy access to lair and resting site data of the Saimaa ringed seal for improving its conservation by e.g. fishing restrictions, land use planning	MHPWF, UEF	Saimaa area ELY centers, municipalities, conservation authorities, konsulttiyritykset	Collaboration	2022	
3	Modeling ice and snow drift formation in Lake Saimaa area		SYKE				
3	Commitment of EU biodiversity strategy		SYKE			2022	
3	A funded project for the renewal of zoning in benefit of the Saimaa ringed seal and replacement of building sites.	Renewing the general plans in the Saimaa ringed seal breeding areas. Moving or removing construction sites.	Centres for Economic Development, Transport and the Environment (ELY centres) of the Saimaa region (e.g. ESAELY and POKELY) and Ministry of the Environment	Owners of the waterfront areas in Lake Saimaa	Collaboration/ Expert work	Ongoing	1. Municipalities will use especially the nest data of Saimaa seal, but also other material produced by the project, in general planning and construction permit processes in the costal areas of Saimaa. 2. If necessary, the municipalities draw up new plans in which construction sites are moved to places that are less harmful for the Saimaa seal. 3. If moving the construction site to another location is not possible, the ELY centers will negotiate with the owners of the construction sites to replace them at the expense of the state.

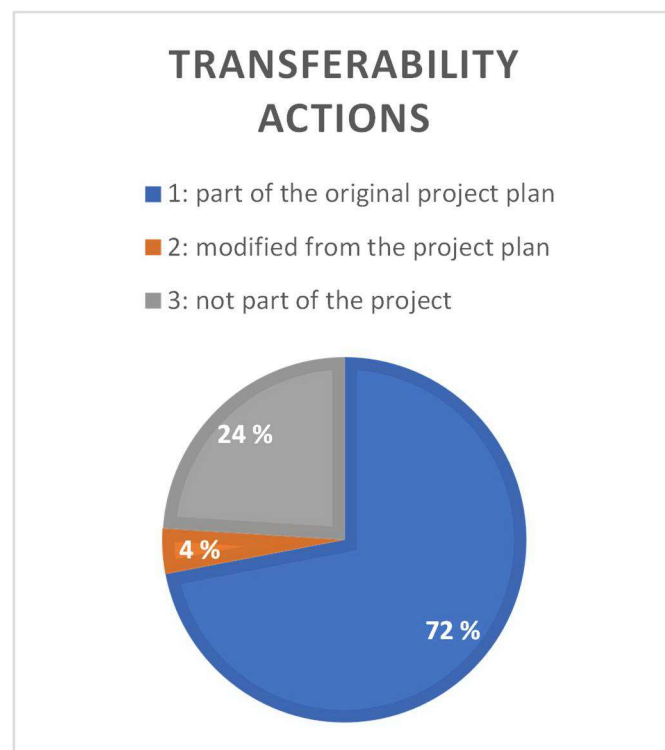


Fig. 1. Proportion of actions related to transferring the key outcomes, lessons learnt, and co-operation with other projects categorised based on whether they have been part of the project plan, modified from it, or not part of the plan (first column in the table).