

Summary of the progress of action C1, restoration of herb-rich forests

SITE NUMBER	SITE CODE	SITE NAME	Restoration of herb-rich forests (ha) in the revised GA	Restoration of herb-rich forests completed	Comments
1	FI0100005	Tammisaaren ja Hangon saariston...	12,2	28,0	Herb-rich forest restoration was carried out in subsites Dragsviksgård, Nothamn, Långholmen and Stadsfjärden, which include both state-owned and private lands. Restoration methods were clearing of undergrowth and removal of trees, no timber sales income was generated. Restoration work was outsourced. Invasive alien species <i>Sambucus racemosa</i> was removed from subsite Stadsfjärden. Restored area resulted to be much larger than foreseen, which was an excellent results considering the difficult access to the subsites in the archipelago region.
4	FI0100036	Lohjanjärven alueet	5,5	7,5	Herb-rich forest restoration was carried out in subsites Lövkullaudden and Jalassaari. Only Action C3 was not originally planned for site 4, but these additional, complementary C1 subsites were accepted in the CL of 20 July 2015. Restoration methods were clearing of undergrowth and removal of trees, and some timber sales income was generated. Restoration work was partly done by PWF's own personnel but mainly outsourced.
5	FI0100040	Nuuksio	11,0	15,9	The subsites were Rajala, Purola, Stenbacka and Velskola. Restoration work was partly outsourced and partly carried out by PWF's own personnel. Timber harvesting and selling was done by Metsähallitus forestry unit, some timber sales income was generated. Restoration methods were clearing of undergrowth and removal of trees, planting of <i>Tilia</i> and <i>Quercus</i> seedling and seeds to a restored habitat patch (which was protected by fence from large herbivores), and removal of invasive alien species <i>Lupinus polyphyllus</i> .
7	FI0100074	Porvoonjoen suisto	10,9	10,4	Restoration of herb-rich forests in Stensböle subsite included removal of Spruce, work was outsourced. No timber sales income.
10	FI0200046	Houtskarın lehdot	5,1	5,6	Restoration of herb-rich forests was carried out on Rosmanskär and Storö islands in the archipelago. Restoration method was clearing of undergrowth, there was no timber sales income. Work was mainly outsourced, partly carried out by PWF's own personnel.
11	FI0200052	Åvensorin lehto	6,7	4,6	Restoration method in subsite Hevonkack was clearing of undergrowth, the work was done by PWF's own personnel. No timbers sales income.
12	FI0200064	Seilin saaristo	4,5	9,1	Restoration of herb-rich forests included removal of undergrowth and larger trees. Due to sensitivity and remote location of the site, restoration work was outsourced to forest worker who used horse carriage for timber transportation. Only small amounts of timber could be sold due to remoteness of the site and logistical difficulties in the archipelago.
13	FI0200072	Uudenkaupungin saaristo	0,4	0,4	Subsite Liesluoto was mainly restored as White-backed Woodpecker habitat, but small area of herb-rich forest was also restored. The work included clearing of undergrowth and was carried out by PWF's own personnel.
14	FI0200086	Teijon ylänkö	7,0	8,9	Restoration of herb-rich forests was originally planned for only one sub-site, but restoration in four additional, complementary sub-sites (2,7 ha in total) was accepted by CL of 20 July 2015. The restoration method was clearing of undergrowth and removal of trees; timber harvesting and selling was done by Metsähallitus forestry unit, some timber sales income was generated.
15	FI0200090	Saaristomeri	16,0	19,9	Restoration was carried out on island subsites Bodö and Långholmen in the archipelago. Clearing of undergrowth and removal of trees was done by PWF's own personnel.
18	FI0200113	Kemiönsaaren kalliot	2,3	1,0	Restoration of subsite Svinberget was mainly carried out by PWF's own personnel, but timber harvesting was outsourced. Timber sales income was generated. Majority of the site was restored as semi-natural grassland.
19	FI0200125	Vaisakko	7,0	26,6	During the restoration planning process it became evident that the area in need of restoration was much larger than foreseen. The work included clearing of undergrowth and was carried out by PWF's own personnel. No timber sales income.

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20	FI0200040	Kolkanaukko	5,8	5,9	Restoration included clearing of undergrowth and was carried out by Metsätalous Oy. No timber sales income.
22	FI0500057	Läpiän koivikkolehdot	8,0	8,0	Restoration of herb-rich forests included removal of undergrowth and some larger trees. And was carried out by forestry workers of Metsähallitus.
24	FI0303006	Vanajaveden alue	9,4	6,0	Subsites Retula and Sydänniemi were restored by removing Spruce undergrowth and invasive alien species <i>Sambucus racemosa</i> . The work was outsourced.
26	FI0348002	Kaakkosuo-Kivijärvi	14,0	16,4	Restoration was carried out by clearing undergrowth. The work was outsourced. The site is privately owned protected area and in addition to project actions the landowner was also planning timber harvesting at his own expense, but due to unsuitable weather conditions the harvesting could not be done during the project.
27	FI0900080	Vahervuori	4,5	7,1	Restoration included clearing of undergrowth and was carried out by Metsätalous Oy. No timber sales income.
28	FI0900101	Isojärvi-Arvajan reitti	40,0	36,5	Restoration included clearing of undergrowth and larger Spruce to improve the conditions for <i>Populus tremula</i> , which supports many endangered species. Work was outsourced, no timber sales income.
29	FI0900126	Kärppäjärven alue	153,0	143,3	Restoration included clearing of undergrowth and larger Spruce to improve the conditions for <i>Populus tremula</i> and other deciduous trees that are crucial for many endangered species, e.g. <i>Cucujus cinnaberinus</i> . Alien species <i>Pinus contorta</i> was also removed. Work was carried out by Metsähallitus forestry unit and timber sales income was generated. On subsite was restored by prescribed burning, which was mainly done by PWF's own personnel and partly outsourced.
31	FI0417009	Äpätinkangas	<del>2,9</del>	0,0	Planned habitat restoration of 2,9 ha could not be carried out due to a storm damage. Compensatory restoration was done in project sites 39 Pyhäjärven alue and 40 Puijo.
32	FI0423003	Niukkala	13,1	16,6	Restoration was carried out by timber harvesting to remove Spruce. Work was carried out by Metsähallitus forestry unit, timber sales income was generated.
33	FI0500002	Linnansaari	28,0	43,5	Restoration was carried out by clearing undergrowth and timber harvesting to remove Spruce. Work was carried out by Metsähallitus forestry unit, timber sales income was generated. Restored area resulted to be much larger than foreseen, which was an excellent result considering the difficult access to the subsites in the archipelago of Lake Saimaa.
34	FI0500036	Suurlahden lampialue	2,0	1,9	Restoration was carried out by clearing undergrowth. Work was outsourced.
39	FI0700091	Pyhäjärven alueen luontokokonaisuus	20,6	24,9	Restoration was carried out by clearing undergrowth. Work was outsourced.
40	FI0600001	Puijo	10,0	29,4	Restoration of herb-rich forests focused on removal of invasive alien species ( <i>Impatiens glandulifera</i> and <i>Sambucus racemosa</i> ). Restoration area was larger than foreseen in the GA, because field inventories showed that these species are more widespread than was known. The site is privately owned protected area and the landowner also carried out some restoration measures which did not incur costs to the project.
41	FI0600007	Halmejoki-Karhonsaari-Potkunsaaari	0,1	3,2	Restoration of herb-rich forests focused on removal of invasive alien species ( <i>Impatiens glandulifera</i> and <i>Sambucus racemosa</i> ). Restoration area was larger than foreseen in the GA, because field inventories showed that these species are more widespread than was known.
42	FI0600059	Korsumäki-Keinälänniemi	2,0	2,7	Restoration was carried out by clearing undergrowth and timber harvesting to remove Spruce. Timber harvesting was carried out by Metsähallitus forestry unit, timber sales income was generated.
43	FI0600062	Kolmisoppi-Neulamäki	0,7	2,1	Restoration of herb-rich forests focused on removal of invasive alien species ( <i>Impatiens glandulifera</i> and <i>Sambucus racemosa</i> ). Restoration area was larger than foreseen in the GA, because field inventories showed that these species are more widespread than was known.
44	FI0600063	Laivonsaari	15,0	13,1	Restoration was carried out by clearing of undergrowth, work was outsourced. Restoration area was ca 2 ha smaller than foreseen, compensatory area was restored at the project site 33 Linnansaari.

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46	FI0700010	Kolin kansallispuisto	24,0	24,2	Restoration work in this complex site required clearing of undergrowth (outsourced) and harvesting of timber, which was done by Metsähallitus forestry unit. Small amount of timber sales income.
47	FI0700021	Huurunlampi-Sammakkolampi-Huurunrinne	9,0	25,5	Restoration work included clearing of undergrowth and harvesting of timber, both were done by Metsähallitus forestry unit. Small amount of timber sales income. Exact location and surface area of restoration work was different from what was foreseen in the GA; larger areas were restored within the same N2000 site, because these areas were in urgent need of restoration.
55	FI1200451	Ison Kaitasen lehto	1,0	1,4	Restoration work included clearing of undergrowth, which was done by Metsähallitus forestry unit. No timber sales income.
56	FI1200457	Pihlajavaaran lehto	3,0	2,5	Restoration work included clearing of undergrowth, which was done by Metsähallitus forestry unit. No timber sales income.
57	FI1200600	Lauttolahden - Soidinvaaran kohteet	1,5	1,5	Restoration was carried out by timber harvesting to remove Spruce. Work was carried out by Metsähallitus forestry unit, timber sales income was generated.
64	FI0200117	Laukkallio	0,1	0,1	Site 64 was accepted as a new Natura 2000 area to the project as part of the Supplementary Agreement No 1 to the GA approved by the EC in CL of 12 May 2016. Small area of herb-rich forest restoration was carried out in this site, which was mainly semi-natural grassland habitat. Restoration was done by clearing undergrowth and protecting young <i>Tilia</i> seedlings from herbivores.
65	FI0325001	Evon alue	42,0	40,6	Site 65 was accepted as a new Natura 2000 area to the project as part of the Supplementary Agreement No 1 to the GA approved by the EC in CL of 12 May 2016. Restoration focused on increasing the habitat quality for species dependant on <i>Populus tremula</i> , such as the Directive species <i>Cucujus cinnaberinus</i> , and included outsourced clearing of undergrowth and building of protective fencing to prevent herbivory on young <i>Populus</i> .
<b>TOTAL (ha)</b>			<b>495,4</b>	<b>594,3</b>	