



Tuulepargid ja hülged

Mart ja Ivar Jüssi, MTÜ Pro Mare

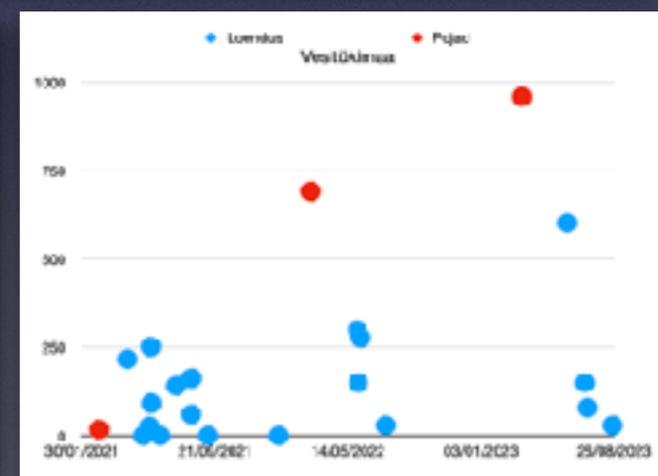
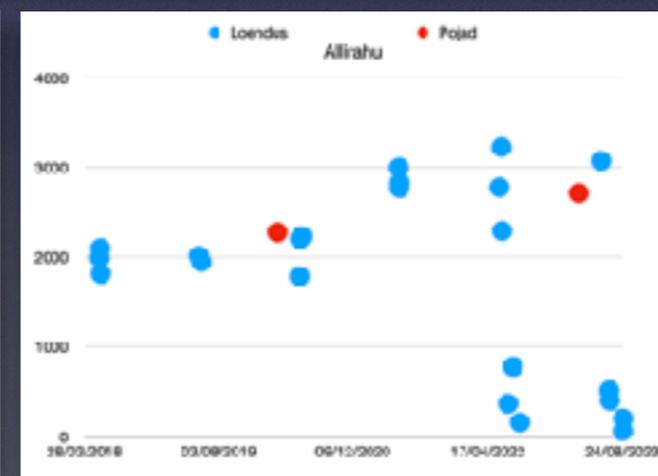
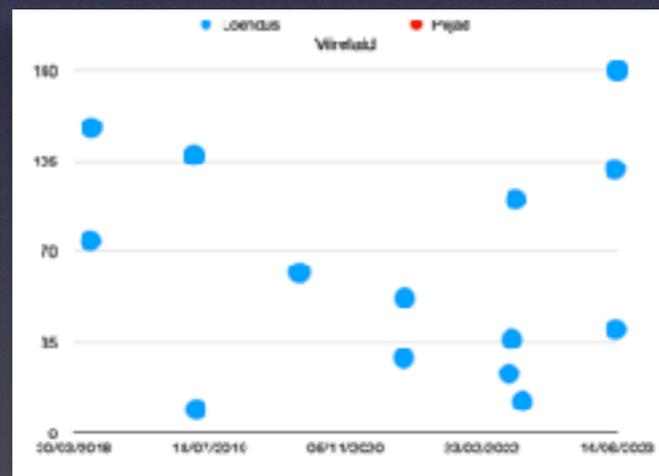
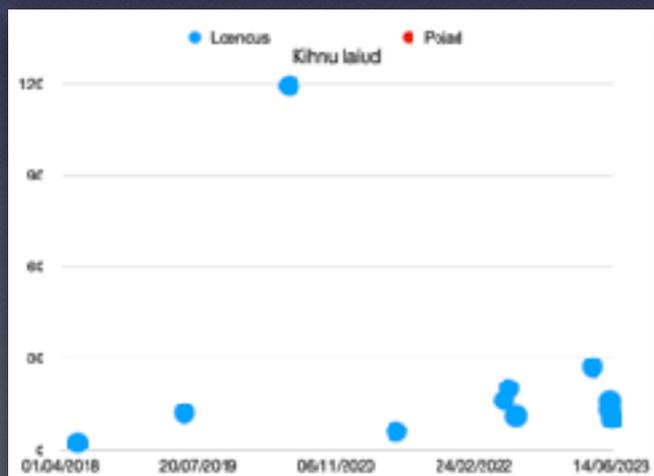
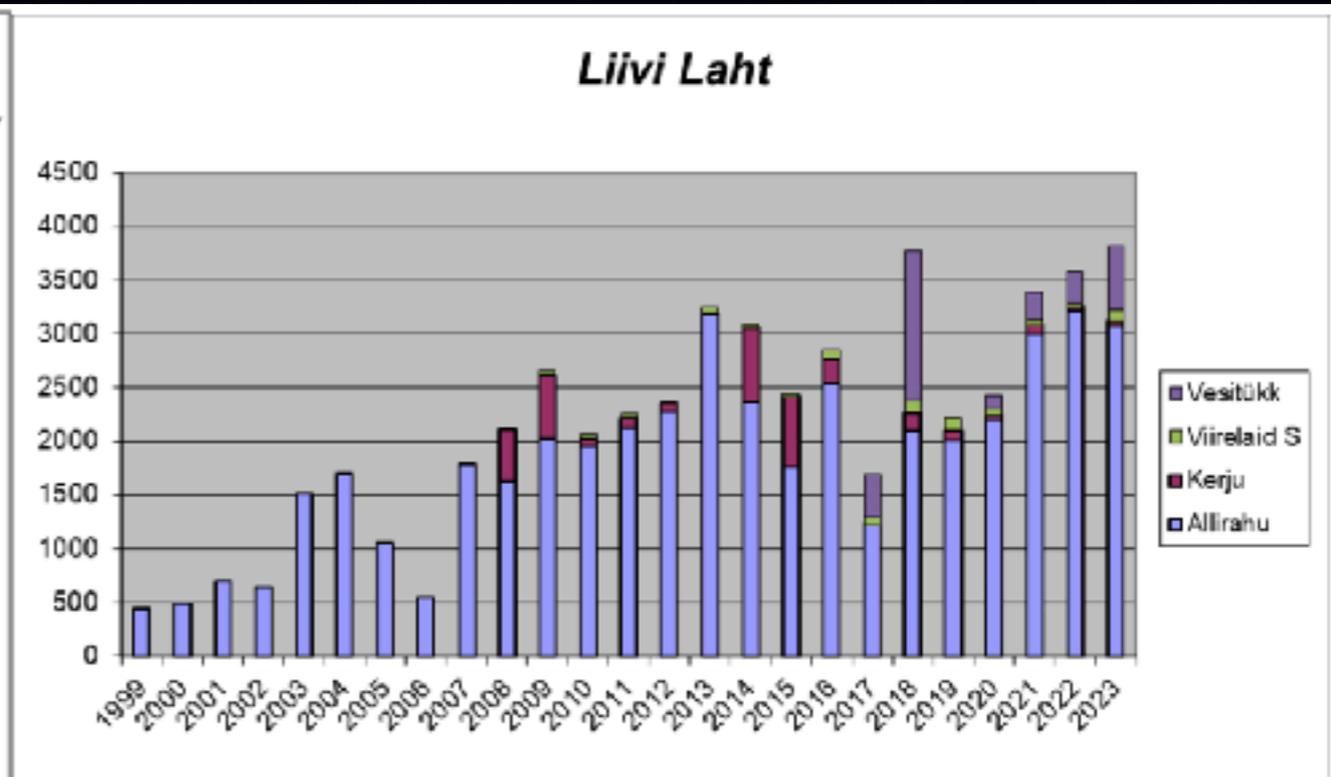
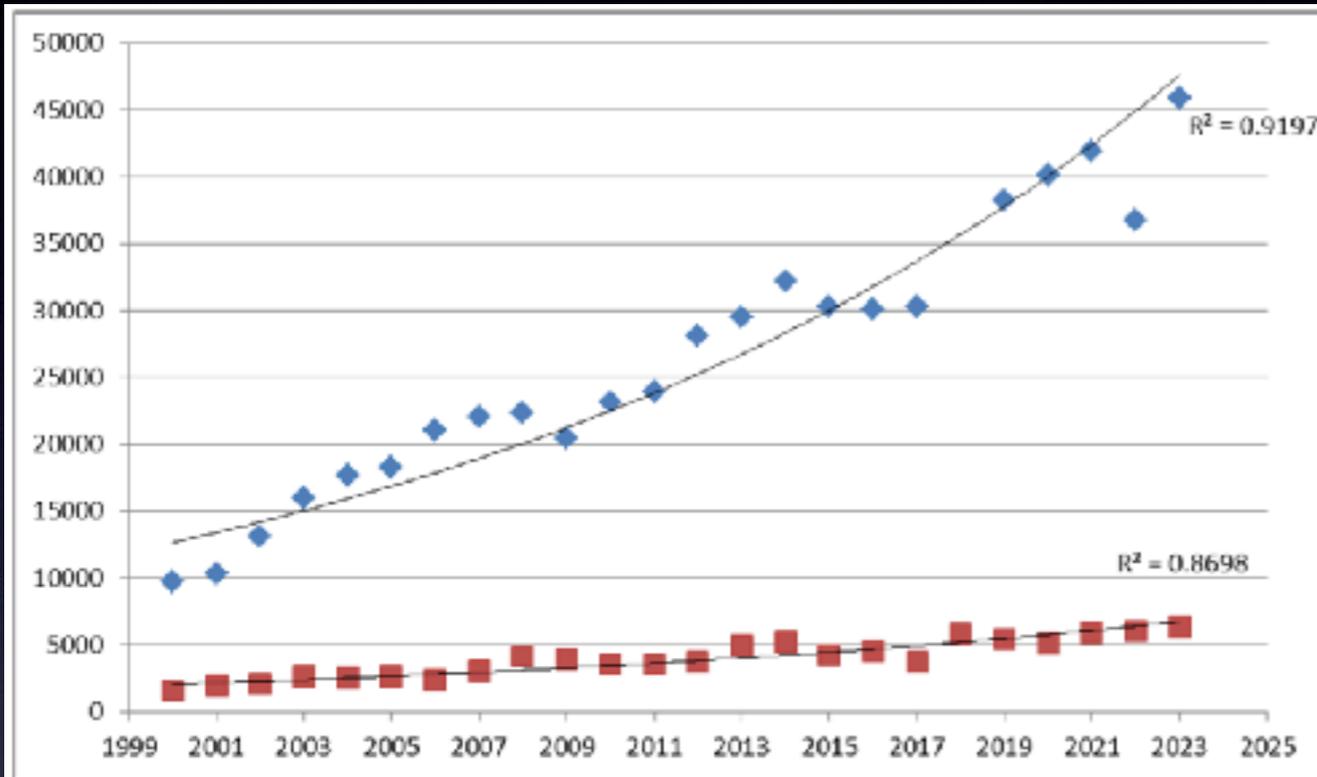


Hülged Liivi lahes



Joonis 8. Liivi Offshore tuulepargi arendusala paiknemine Liivi Lahe oluliste hülgelesilade suhtes. 1 - Kihnu laud; 2 - Viirelaid ja Pühadekare; 3 - Allirahu; 4 - Kerju; 5 - Vesitükimaa.

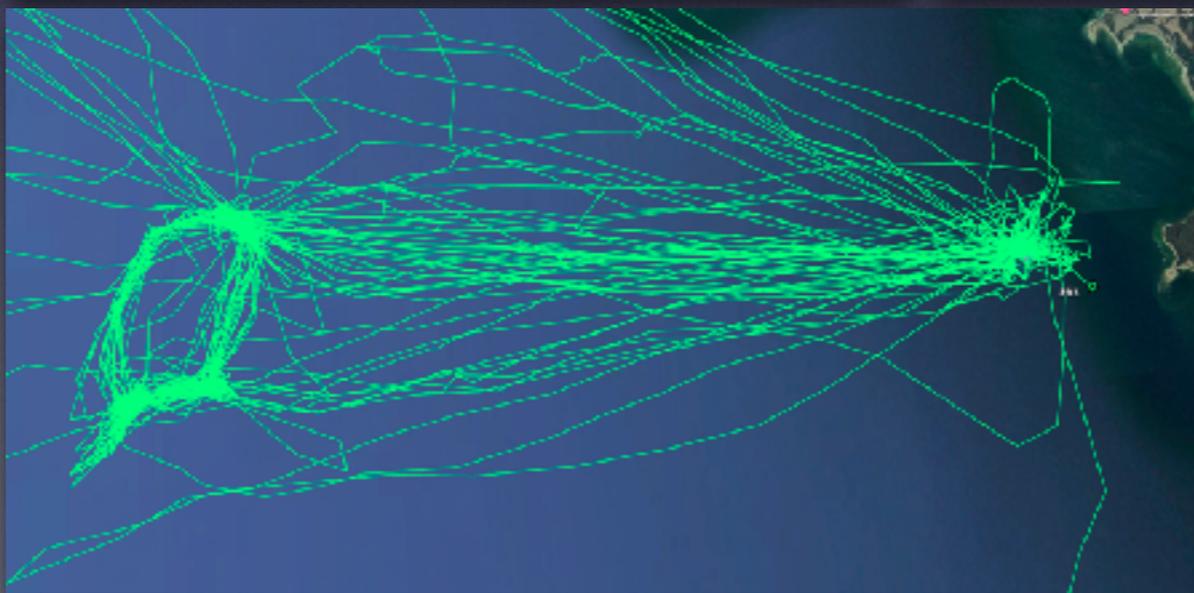
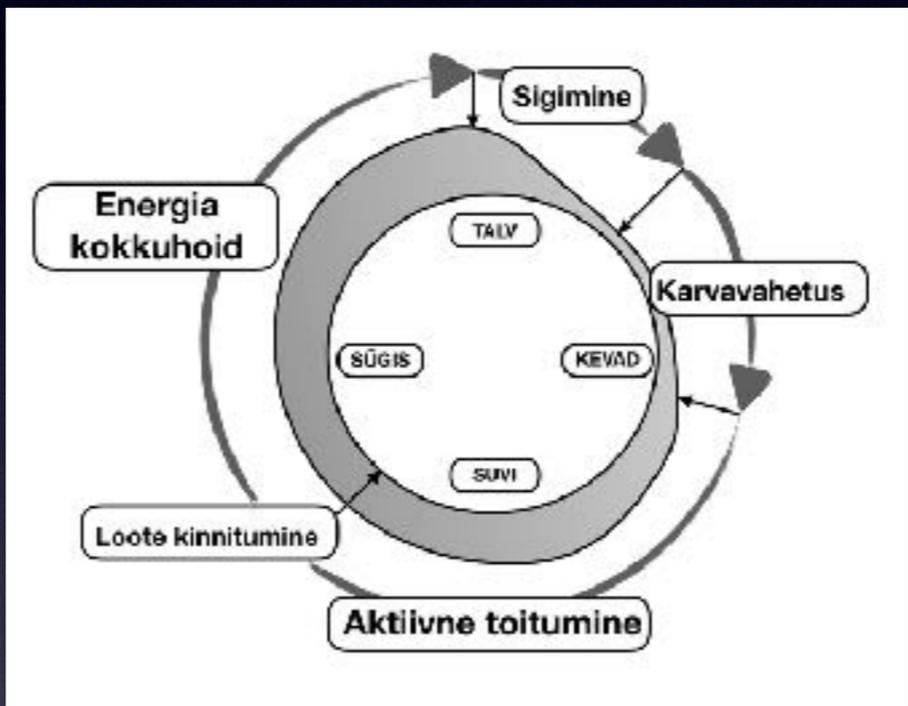
Hallid hülged Liivi lahes



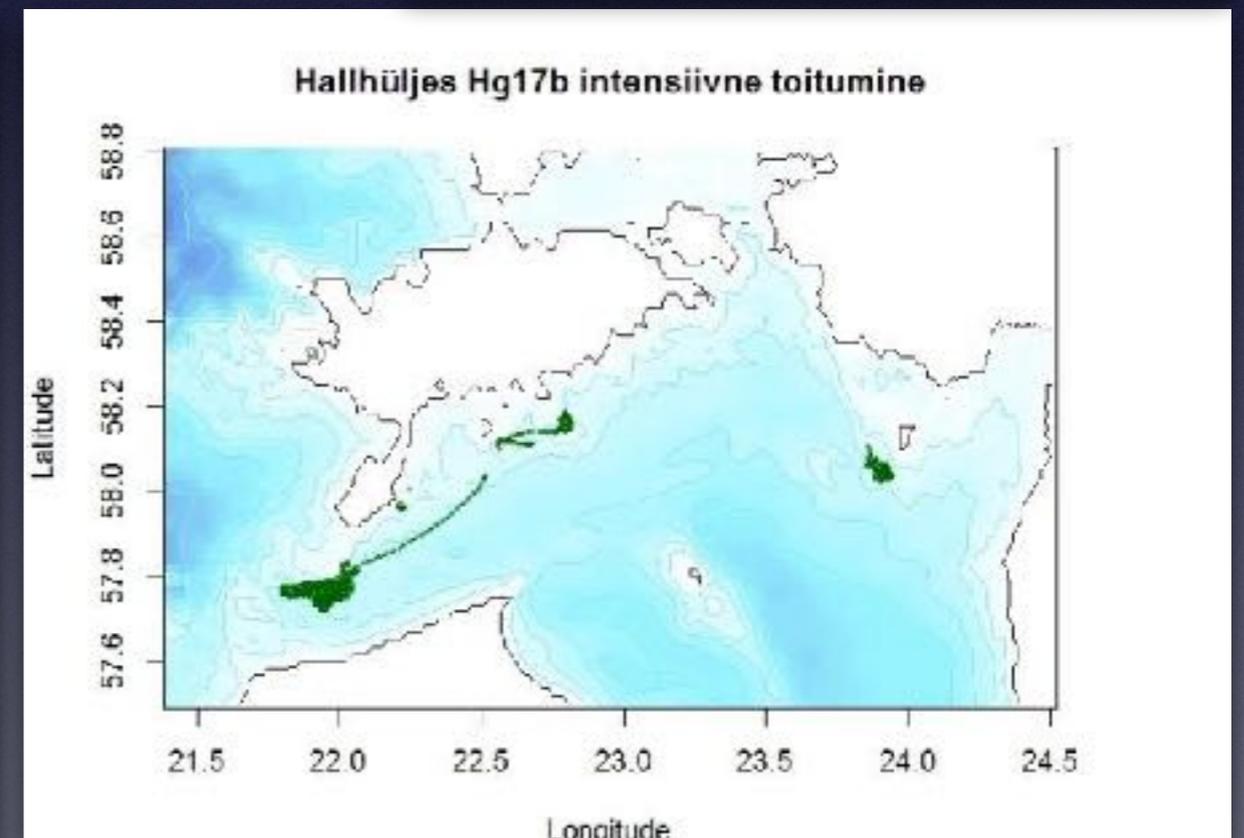
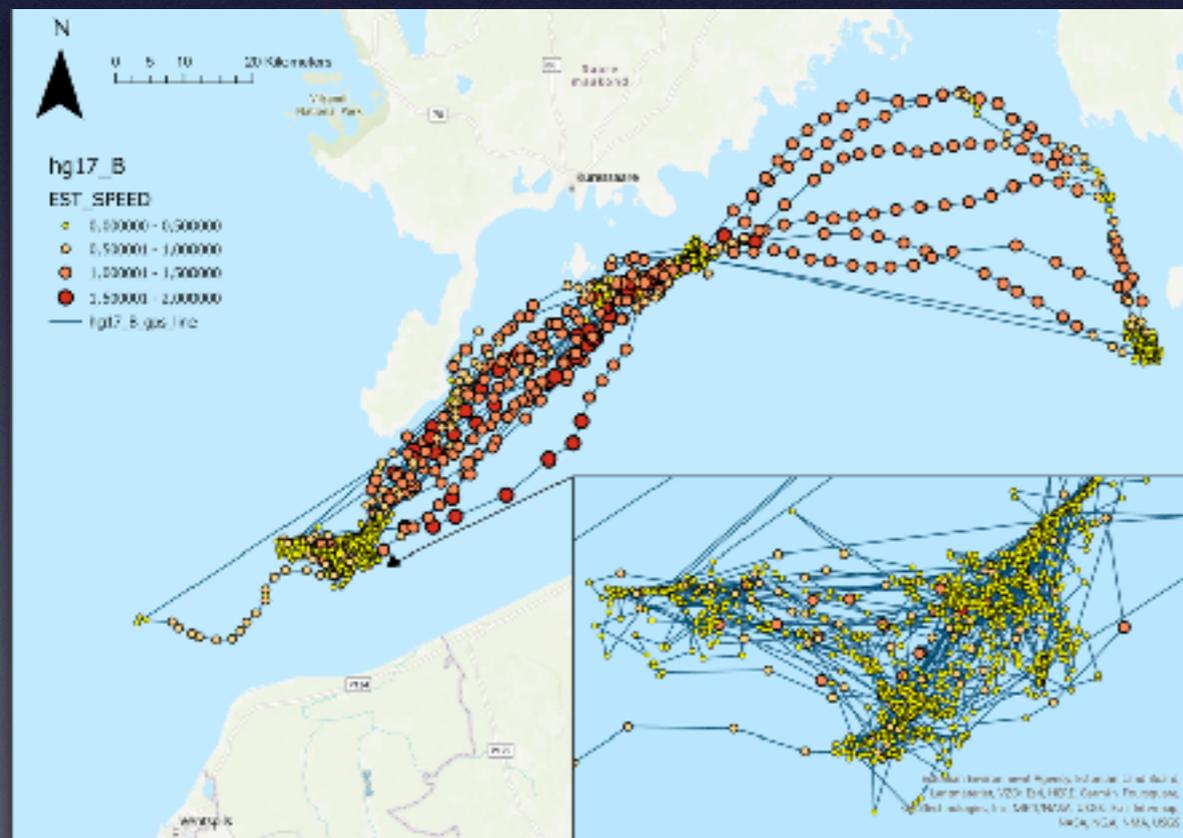
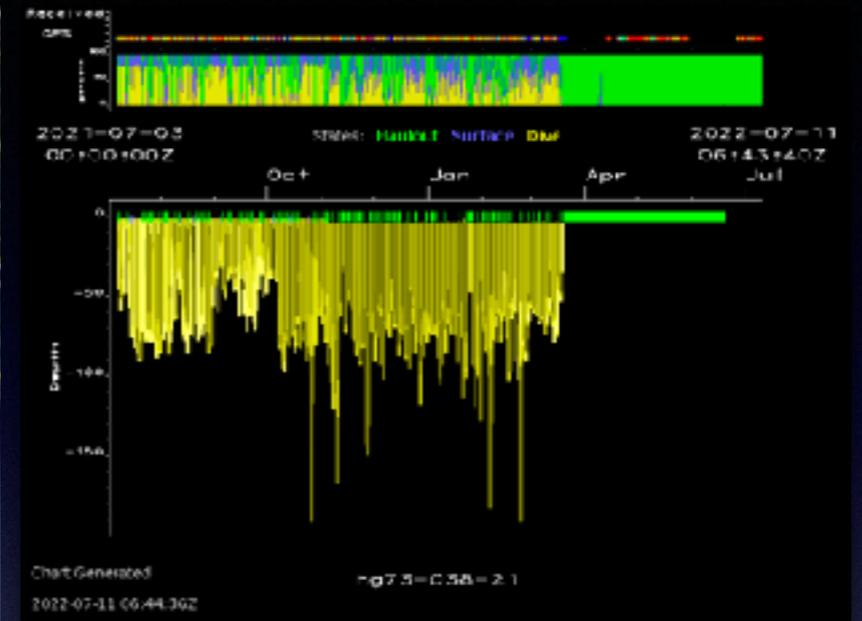
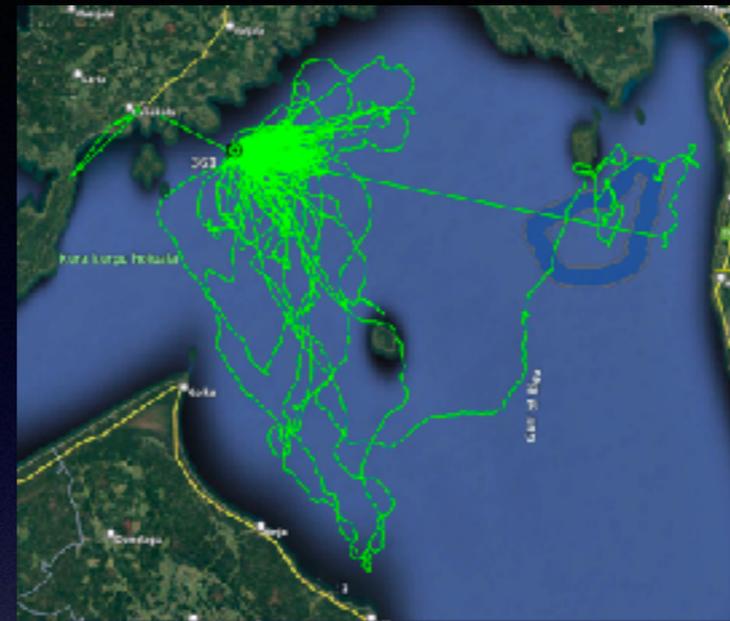
Hallid hülged Liivi lahes

Mereala	Loendus (2017 - 2021 keskmine ja SD%)*	% loendusest	Arvutatud pindala km ²	Hülgeid/pindala (ohtrusindeks)
Liivi laht (Sõrvest idas)	2997±24%	53,6	8040	0,37
Väinamere põhjaosa ja Hiiumaa põhjaosa (Osmussaar - Vormsi N - Ristna)	1229±23%	22,0	3690	0,33
Saarte läänerannik (Ristna- Sõrve)	1221±22%	21,9	6300	0,1
Soome laht (Osmussaarest idas)	375 ± 45%	6,7	8550	0,04

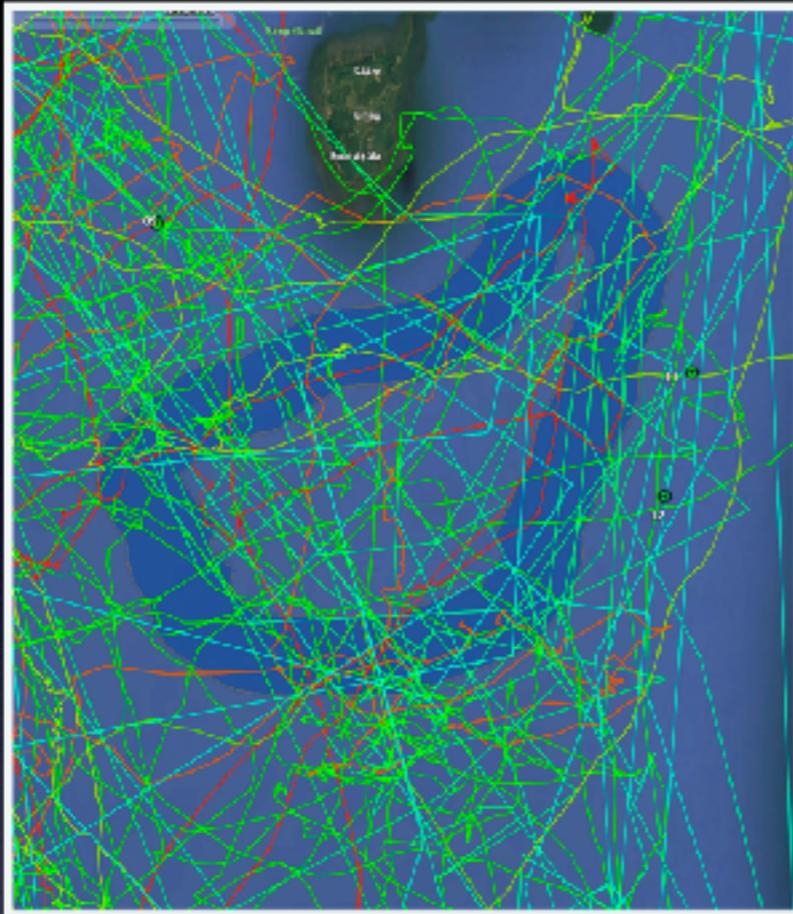
Hüljeste aastaring



Võtmeelupaigad



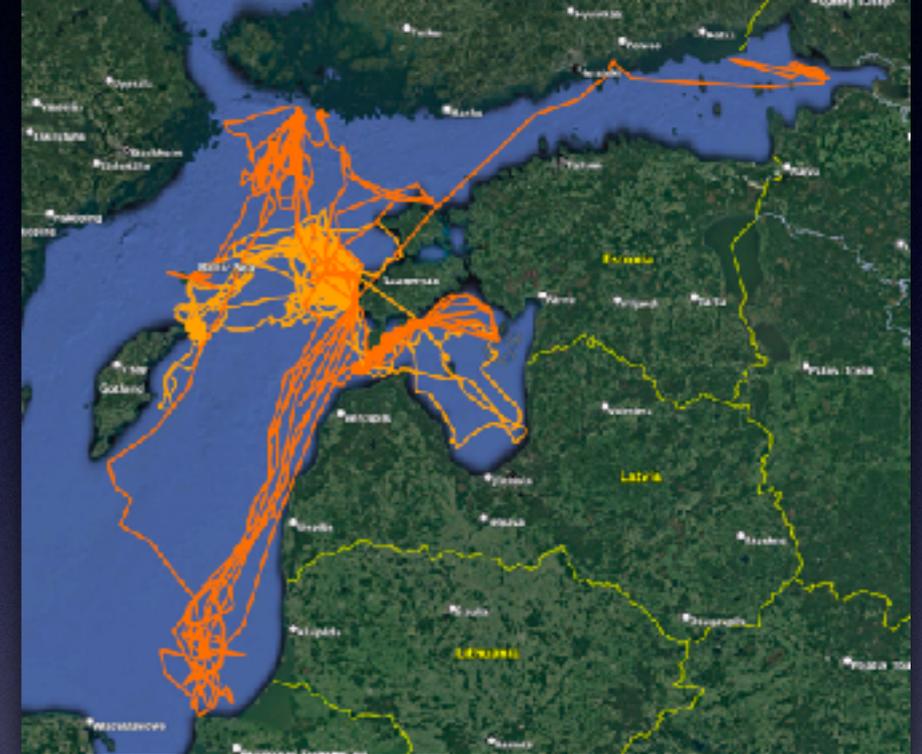
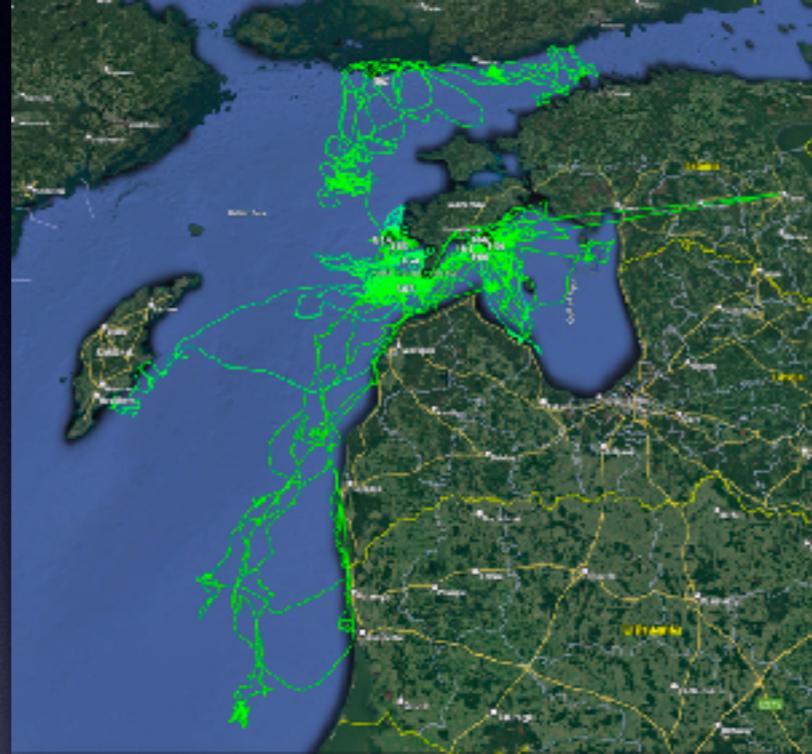
Liivi Offshore tuulepark hüljeste elupaigana



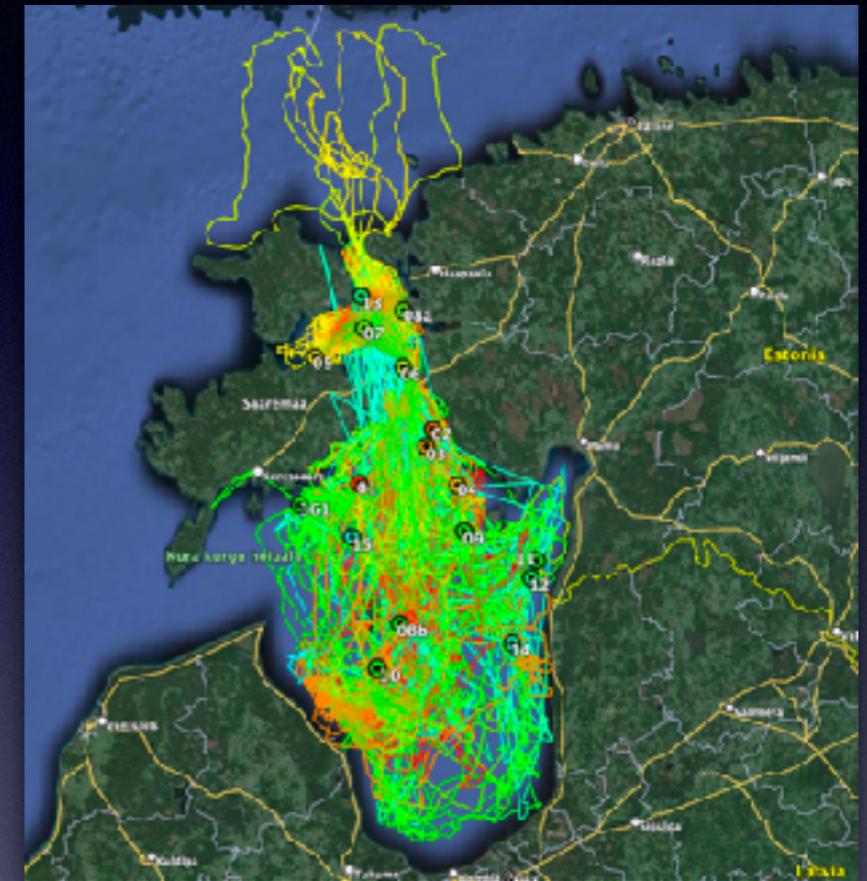
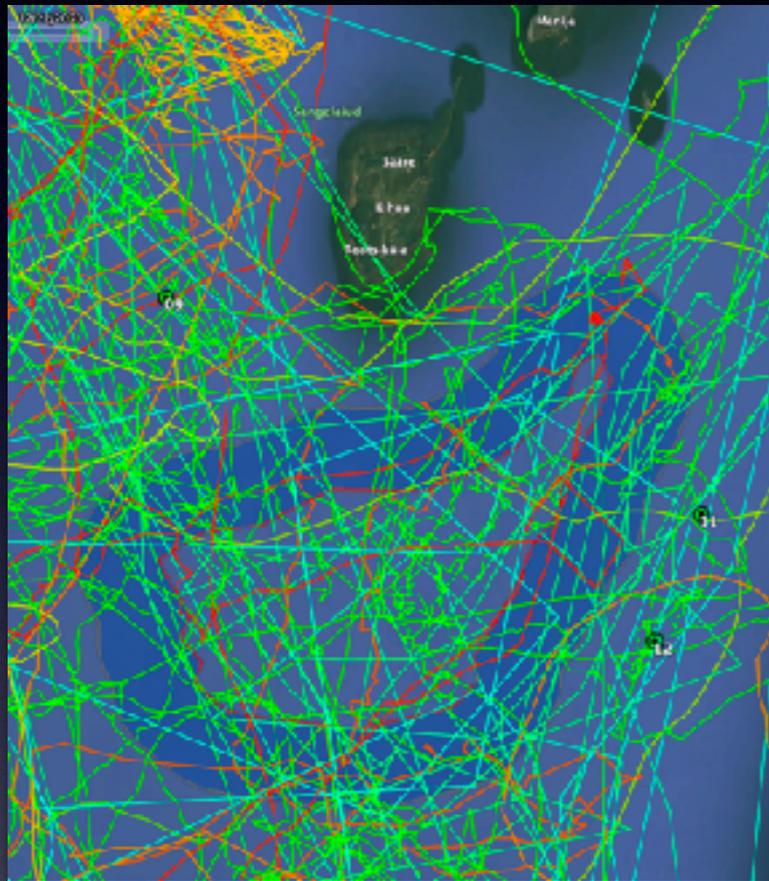
ID	Liik	Sisenemine	Väljumine	Kestus	Kestus minutit	Kiirus (keskm m/s)	Punkte	Põlevi	Aja osakaal %%	Kuu
Hallid hüljed										
hg82-361-23	Hall	01.12.2023 12:47	01.12.2023 15:14:29	2h 27m	147	0,783	21	187	0,081	12
hg82-361-23	Hall	03.12.2023 07:02:13	03.12.2023 13:01:03	5h 59m	359	0,791	43	187	0,149	12
hg82-361-23	Hall	04.12.2023 05:33:37	04.12.2023 18:56:04	13h 22m	802	0,529	92	187	0,333	12
hg17-A-07	Hall	21.03.2008 11:06:00	21.03.2008 14:37:12	3h 31m	211	1,084	4	269	0,054	3
Viigerhüljed										
hg82-352-23	Viiger	14.12.2023 15:06:52	14.12.2023 18:32:25	3h 26m	206	0,504	20	217	0,068	12
hg22-N-09	Viiger	18.12.2009 21:45:44	18.12.2009 22:50:16	1h 5m	65	0,773	3	226	0,020	12
hg17-C-07	Viiger	19.10.2008 03:50:04	19.10.2008 07:51:16	4h 1m	241	0,886	5	212	0,079	10
hg31-01-11	Viiger	09.11.2011 14:58:52	09.11.2011 16:53	1h 55m	115	1,138	6	272	0,029	11
hg31-01-11	Viiger	30.01.2012 01:09:16	30.01.2012 07:50:28	6h 41m	401	0,794	7	272	0,102	1
hg31-01-11	Viiger	04.02.2012 01:02	05.02.2012 01:54	24h 52m	1492	0,651	23	272	0,381	2
hg31-02-11	Viiger	30.01.2012 10:38:32	31.01.2012 20:35:47	33h 57m	2037	0,351	44	192	0,737	1
hg31-02-11	Viiger	03.02.2012 01:43	03.02.2012 05:33	3h 50m	230	0,509	8	192	0,083	2
hg31-07-11	Viiger	21.11.2011 12:34:52	21.11.2011 18:45:12	6h 10m	370	0,8	11	107	0,240	11
hg31-08a-11	Viiger	02.07.2011 13:52:20	02.07.2011 13:58	0h 6m	6	0,38	1	115	0,004	7
hg31-08b-11	Viiger	07.10.2011 09:52:56	07.10.2011 12:39	2h 46m	166	0,938	10	146	0,079	10
hg31-09-11	Viiger	11.01.2012 12:34:59	11.01.2012 17:28:36	4h 54m	294	0,831	8	285	0,072	1
hg31-09-11	Viiger	19.01.2012 18:01:12	20.01.2012 03:04:24	11h 3m	663	0,38	25	285	0,162	1
hg31-09-11	Viiger	25.01.2012 11:37	25.01.2012 16:27:23	4h 50m	290	0,641	10	285	0,071	1
hg31-09-11	Viiger	28.01.2012 21:23	30.01.2012 09:04:08	35h 40m	2140	0,923	6	285	0,521	1
hg31-09-11	Viiger	31.01.2012 07:15	01.02.2012 07:11	23h 55m	1435	0,284	51	285	0,350	1
hg31-09-11	Viiger	06.02.2012 17:05	06.02.2012 18:10:19	1h 5m	65	0,58	4	285	0,018	2
hg31-09-11	Viiger	18.02.2012 19:29:44	17.02.2012 14:02:36	18h 33m	1113	0,318	22	285	0,271	2
hg31-10-11	Viiger	02.12.2011 23:19:24	03.12.2011 09:00:20	9h 41m	581	0,357	17	198	0,204	12
hg31-10-11	Viiger	20.12.2011 17:54	20.12.2011 19:02	1h 7m	67	0,657	3	198	0,023	12
hg31-10-11	Viiger	01.01.2012 13:43:59	01.01.2012 20:07	6h 23m	393	0,585	15	198	0,134	1
hg31-10-11	Viiger	02.03.2012 20:44:00	03.03.2012 03:58	7h 15m	435	0,363	3	198	0,153	3
hg31-11-11	Viiger	14.02.2012 08:46	14.02.2012 08:50	0h 5m	5	0,1	1	186	0,002	2
hg31-12-11	Viiger	18.11.2011 04:39:54	18.11.2011 08:36	3h 57m	237	0,59	2	190	0,087	11
hg31-12-11	Viiger	03.12.2011 00:34	03.12.2011 08:44	8h 10m	400	0,313	3	190	0,179	12
hg31-12-11	Viiger	15.12.2011 00:35	17.12.2011 23:53:59	71h 19m	4279	0,213	6	190	1,564	12
hg31-12-11	Viiger	25.12.2011 16:07:56	25.12.2011 16:13:56	0h 6m	6	0,54	1	190	0,002	12
hg31-12-11	Viiger	10.01.2012 08:31:20	04.02.2012 23:40:36	616h 9m	36909	0,189	14	190	13,490	1
hg31-14-11	Viiger	19.01.2012 08:31:08	19.01.2012 08:36	0h 5m	5	0,54	1	190	0,002	1



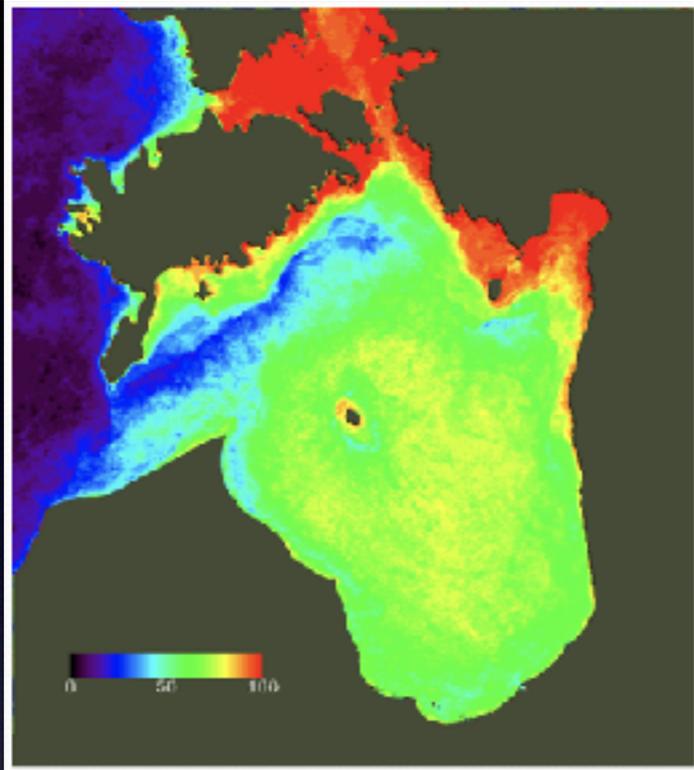
Liivi Offshore tuulepark hallhüljeste elupaigana



Liivi Offshore tuulepark viigrite (mustude) elupaigana



Liivi Offshore tuulepark hüljeste elupaigana - merejää



Tuulepark hüljeste elupaigana - häiringud ja ohud



Tuulepark hüljeste elupaigana - häiringud



Tuulepark hüljeste elupaigana - ohud



