

Ryddeaksjon i Lågendeltaet - dette fant vi

Johannes Wahl Gran, Naturvernforbundet i Lillehammer

What does it takes?

- More than 40 organizations
 - Local
 - Food and beverage
 - Prize pool
 - Money
 - Media
 - Regional
 - Equipment
 - Safety
 - Knowledge



**Naturvernforbundet
i Lillehammer**

**takker samarbeidspartnere og ryddelag,
store og små, gjennom Strandryddeuka
på Lillehammer 2018!**

Sammen har dere fjernet nærmere 9 tonn søppel fra naturen,
og sendt dette rett til Roverudmyra.

Gjennom en uke i våres og en uke i høst har over 2000 frivillige
forebygd og reversert maritim forsøpling i kommunen vår.

DETTE SYNES VI ER HELT FRAKT – MANGE TAKK!

Lokalt har over 40 unike organisasjoner har bidratt:

Naturvernforbundet i Lillehammer søker
medlemmer og samarbeidsaktører hele året.

Bli medlem? Send NATUR til 2377 (200,-)



Nysgjerrig på lokalt naturvern?
Plogging? #PloggingLillehammer



Samarbeidspartnere for Strandryddeukene i 2018



Vi takker våre sponsorer:



Vi takker også ryddelag med særskilt deltakelse:



Guide

- Presentasjon
- Bakgrunn
- Vår 2018
- Høst 2018
- Dette fant
våher er vi
- Veien
videre
- Spørsmål?
- Tusen takk!

Johannes Wahl Gran, Naturvernforbundet i L

Bidragstere

Photo: Ruth Barseth



Key ingredient



All photos:
Einar
Lyngar



MANNSTERKE: For sjuvnet stiftet med 142 menn for å plukke langs Lågen



SAUMFARES: Innlige oppbeholdskvinner rydder i strandstaden langs Lågen og Minna forrige uke



TRØNDE: Det var mange lange plukkere i år



ALLE MANN TIL VANNKANTEN: Mange barna stiftet rydde utvalgsen for åggel



All photos:
Per Ivar
Henriksbø

Key ingredient

Johanne



Plasten er i ferd med å bli et av våre største miljøproblemer. Hvert år havner 6,4 millioner tonn søppel i verdens hav. Mellom 70 og 80 prosent av dette er plast. Kaster du en plastflaske, en sporplate eller annen plast i sjøen, brytes det ikke ned til jord. I stedet blir ditt avfall til tusenvis av små biter som fugler og fisker tror er mat.





#PloggingLillehammer

Johannes Wahl Gran, Naturvernforbundet i Lillehammer

What did we find?

2000 volunteers cleared 8-9 tons of waste in two weeks, they spent 3 hours each.

6000 hours of work

4000 hours+ were put in buy kids under the age of 15

Key ingredient



- A l l photos:
- R u t h Barseth,
- K n u t Røsrud,
- H e i d i Kristoffersen



Johannes Wahl Gran, Naturvernforbundet i Lillehammer

A big, yet necessary contributor to the “Unknown”?

- Number of farmers close to Mjøsa and Lågendeltaet
- Meter of plastic for each hay bale
- “Countless numbers” - local media

501	Lillehammer, Øyer og Gausdal	567
502	Gjøvik	277
512	Lesja Dovre	287
513/514	Lom/Skjåk	280
515	Vågå/sel	331
516	Nord-Fron	196
520	Sør-Fron Ringebu	374

2312

Length	Wide	Squaremeter
70	1,3	91

What did we find?

Areas close to main roads + 40-50 %	Areas less adapted for motorized traffic	Overall
1 Unknown (uidentifiserbare plastbiter)	1 Unknown (uidentifiserbare plastbiter)	1 Unknow pieces of plastic
2 Styrofoam (isopor)	2 Styrofoam (isopor)	2 Styrofam
3 Explosive coard / reinforcing fiber (sprengledning / armeringsfiber)	3 Food packaging (matembalasje)	3 Food, beverage, hygiene plastic
4 Food packaging (matembalasje)	4 PET bottles etcetera (flasker med pant)	
5 Sanitary waste (sanitæravfall)	5 Corks / lid (korker og lokk)	4 Leftovers from entrepreneurs
6 Building materials (bygningmateriale)	6 Explosive coard / reinforcing fiber (sprengledning / armeringsfiber)	
7 Ropes and yarns (tau og garn)	7 Sanitary waste (sanitæravfall)	
8 Corks / lid (korker og lokk)	8 Play / boating / sports etcetera	
9 PET bottles etcetera (flasker med pant)	9 Hazardous waste	
10 Plastic bags (plastposer)	10 Cartridge (patroner / forladning)	

A big, yet necessary contributor

- According to the Chancellor of Oppland (Fylkesmannen I Oppland); about 2000 individual farmers
- According to the Farmer's Association; the hay balls "hides" in the bushes cause of restricted area (nature reserve) such as Lågendeltaet et al. (limited access, sandy ground) makes Gausa og Gudbrandsdalslågen to shallow
- The police are willing to fine farmers, do not know who
- The Chancellor points fingers at farmers
- The farmers points fingers at the Chancellor



This summer

A big, yet necessary cause, could be

All photo: Torbjørn Olsen, Tore Solbakken



All photo: Kine Martinussen, Lise Gulbrandsen,
Johannes Wahl Gran, Naturvernforbundet i Lillehammer
HNR



This autumn

→ 25 000 000
litres of
glasopor
(33 football
fields, 10 cm)
→ Unknown
others



All photos: Roar
Strand

Ways to organize, let us stay positive

[Dedicated institutions, Photo: Ruth Barseth](#)

[Dedicated kids, Photo: Knut Røsrud](#)

[Video: Jill Johannessen](#)

Contributors

- Photos: Einar Lyngar, Per Ivar Henriksbø, Ruth Barseth, Knut Røsrud, Roar Strand, Torbjørn Olsen, Tore Solbakken, Fylkesmannen i Oppland, Google maps, Kine Martinussen, Lise Gulbransen
- Organizers: Helene Gabestad, Morten Jartun, Lilly Kristin Langnes
- Statistics: Hold Norge Rent (Lise Gulbransen with colleagues), Thomas-Erik Smeby (Fylkesmannen i Oppland)
- Invitation: Vassdragsforbundet for Mjøsa med sidelever, Odd Henning Stuen
- The audience (you)
- The kids, teachers, youngsters, girls, guys, adults and familys (the participants)
- My very own family (patience, appeasement, time and space)
- Friends of Earth Norway (Naturvernforbundet)
- And many more...

Questions?

“Block the lake”

- Lillehammer east - west
→ less than 2 km
- Minnesund (south) east - west
→ same



Expectations,
what we *could* do
with unlimited
sources



Reality, what we
do, yet not
enough

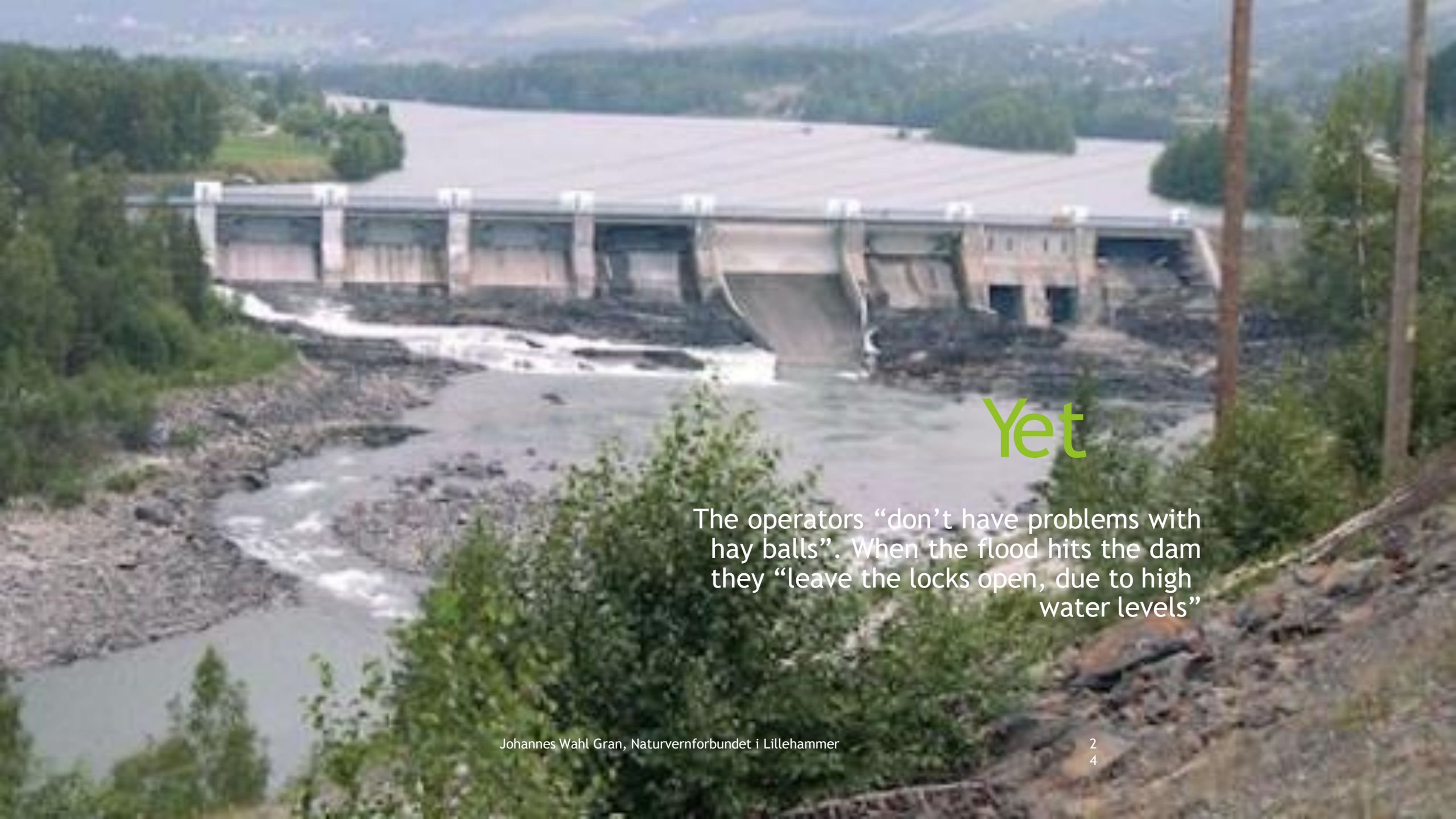


We don't..



We don't..
BUT

The river Gudbrandsdalslågen is actually blocked!

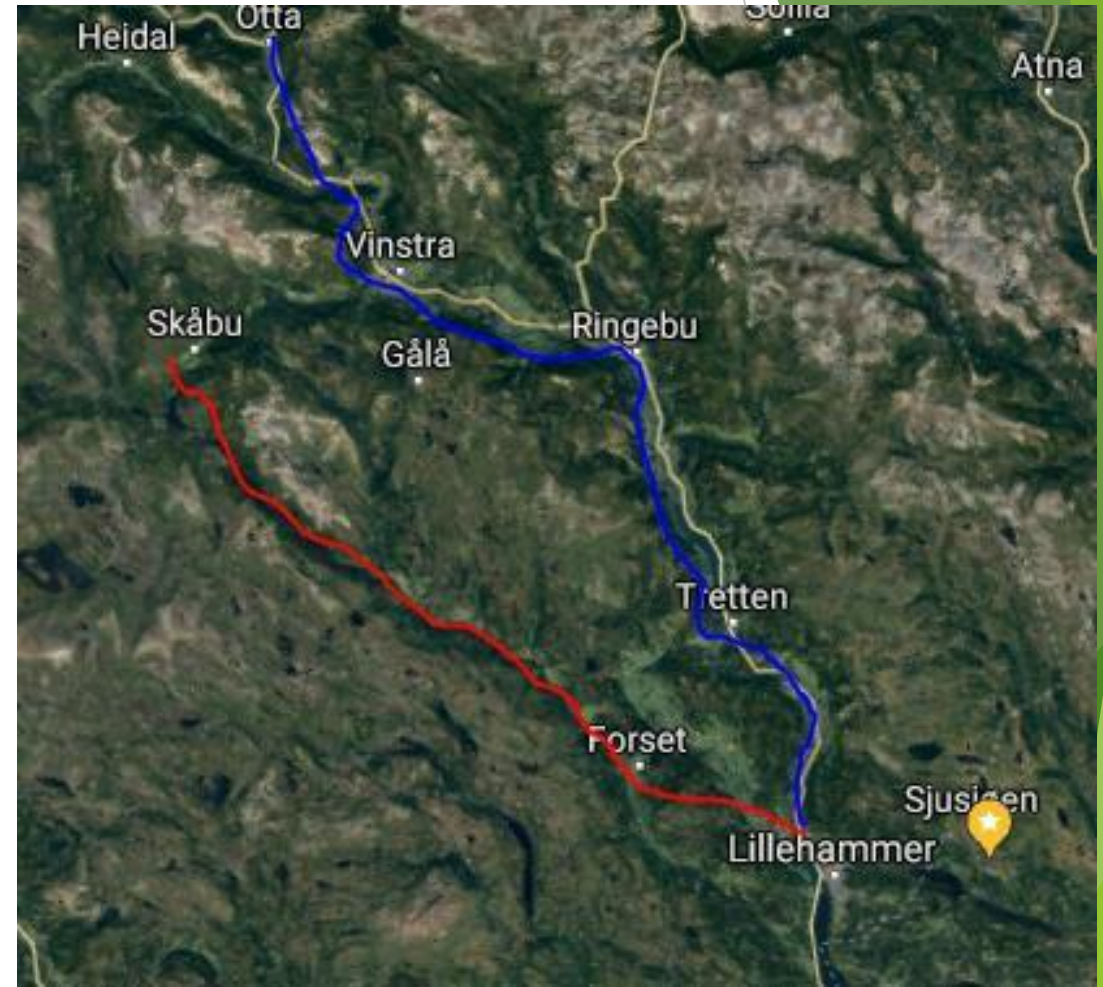


Yet

The operators “don’t have problems with hay balls”. When the flood hits the dam they “leave the locks open, due to high water levels”

“Block the river”

- River “Gausa” (red), less than 50 meters wide
- River “Gudbrandsdalslågen” (blue), less than 50 meters wide
- Both hits Lågendeltaet in approximately in a 100 meters wide belt
- Approximately 2000 farmers
- “Uncountable losses of plastic waste and other”
- Each year (!)



Flood, 2018

- Spring → low water levels, 6 tons
- Summer → floating hay balls, zero tons
- Late summer → high water levels, 2-3 tons
- ~~sp~~(glas and air mix) Autumn → floating and etcetera, several institutions trying to lower the damages as we speak

Thoughts for tomorrow (“fast and easy”)

- Government level:
 - Clean rivers and lake Mjøsa
 - Rules
 - Ban
 - Financial sanctions
 - License suspension
 - GPS tracking
- Local level:
 - Technology
 - Mechanisms
 - Trends, hypes, media, etcetera
 - Hands on

- Government level:
 - Community spirit (HNR)
 - “Days”, “weeks”, etcetera
 - Sponsorships
 - Green jobs
 - Institutional contributions (schools, military, inmates, politicians, etcetera)
- Local level:
 - Schools (633 029 pupils, 1. - 10. class)
 - Public services (employees, politicians, etcetera) etcetera
 - Trends, hypes, media, hands on

Thank you!