

Health and living conditions in Northern Norway The SAMINOR study

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FORESPØRSEL OM
DELTAKELSE I
HELSE- OG LIVSSTILS-
UNDERSØKELSE





SAMINOR 1 2003 - 2004

Questionnaire/ Clinical study

24 municipalities

Participants;
17 000

Age gr 36 -79

Sami 32 %

SAMINOR 2 2012 - 2014

A. Questionnaire

25 municipalities

Participants;
11 600

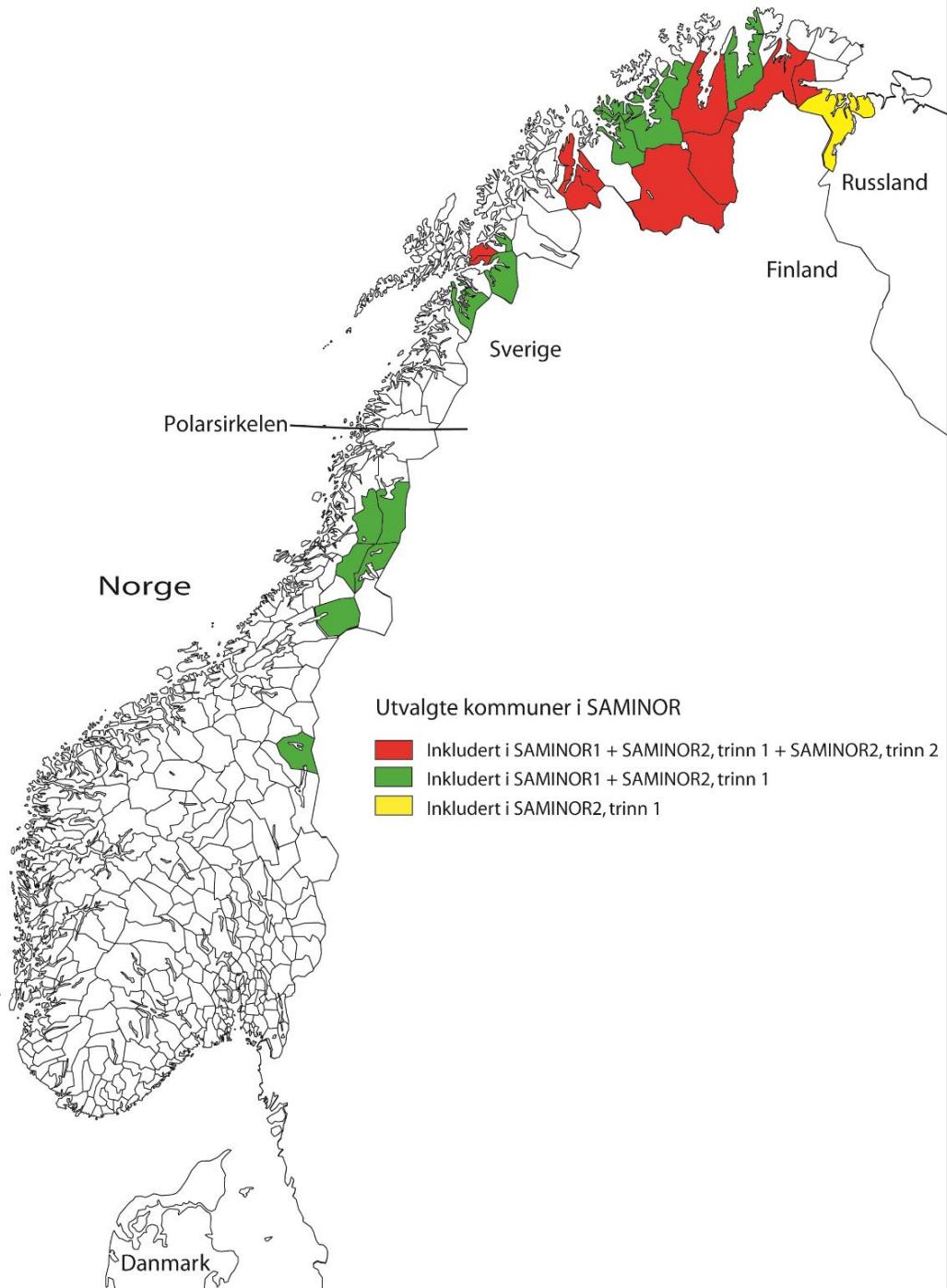
Age gr 18 -69

B. Clinical study

10 municipalities

Participants;
6004

Age gr 40 -79
Sami 53 %



Objective - the SAMINOR study

- The overall aim of the SAMINOR project is to study health and diseases in relation to living conditions among the Sami population
- Compare these with the Norwegian population in the same areas
- From cross sectional to longitudinal design

Main focus

- I. Lifestyle diseases, DM, CVD and cancer
- II. Mental health
- III. Health service

SAMINOR 2

clinical part

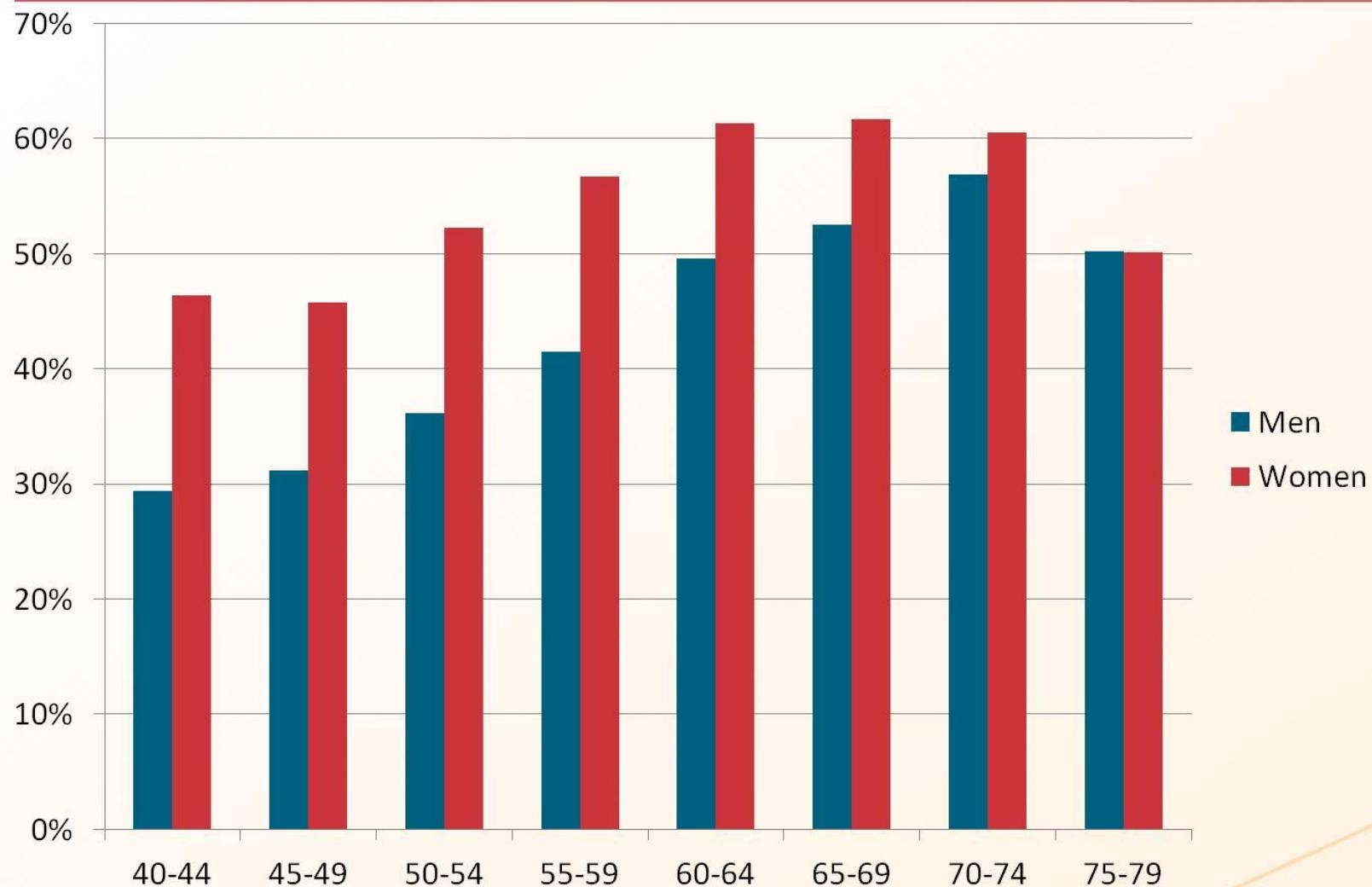
clinical examination

blood samples

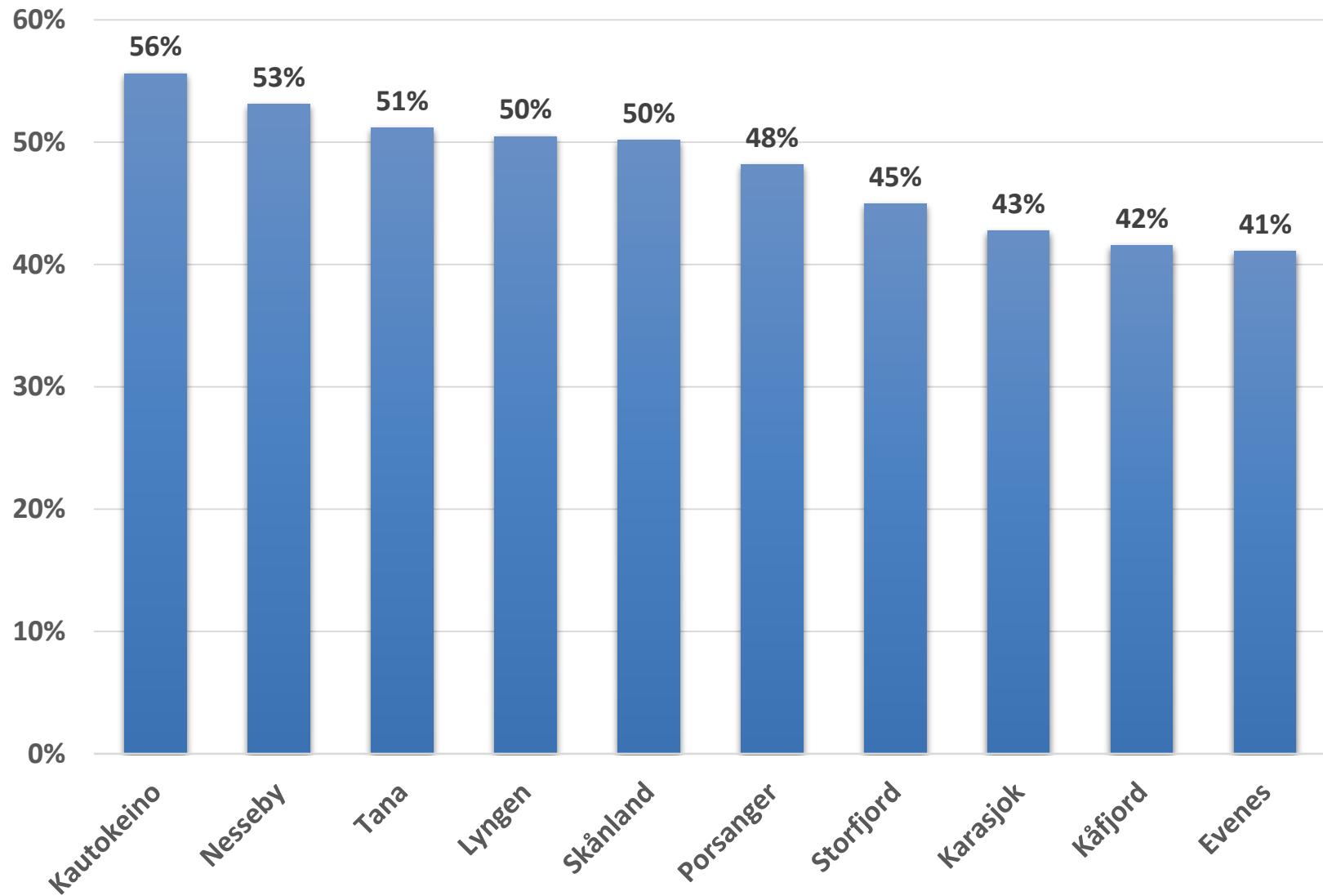
questionnaire



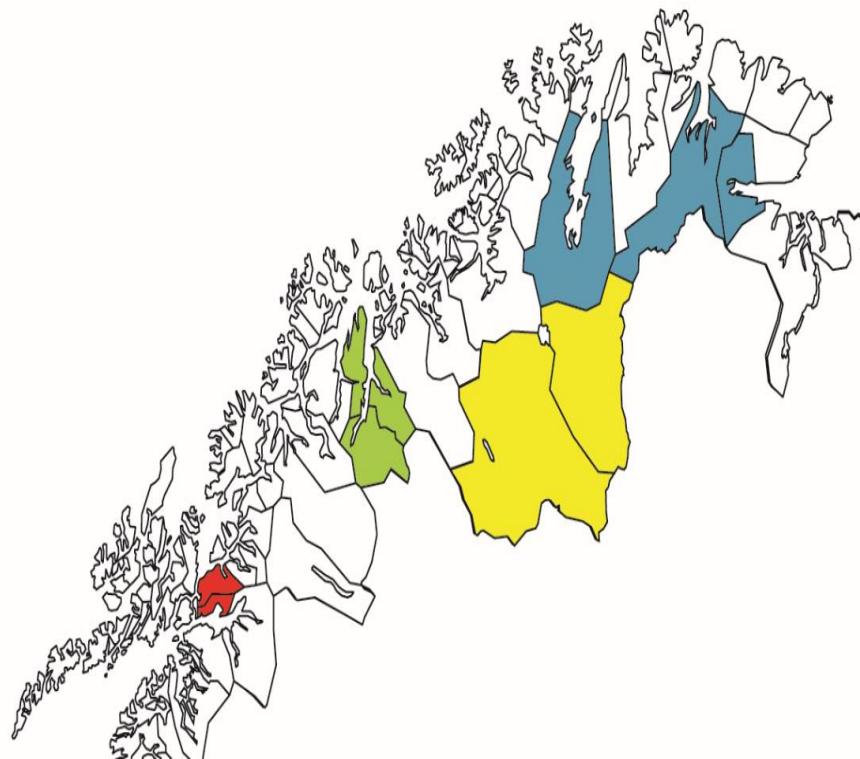
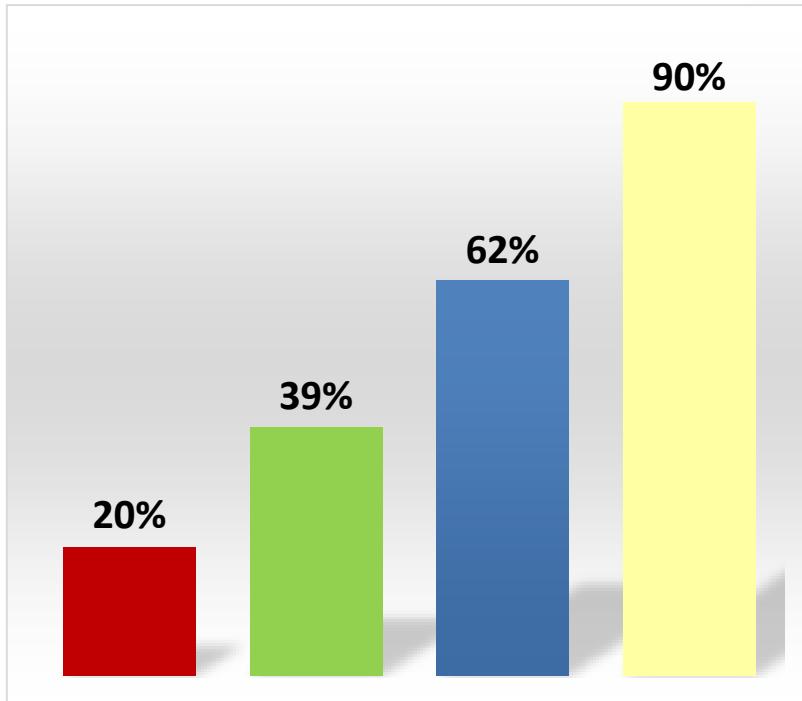
Participation by sex and age



Participation by municipalities



Proportion of people with Sami affiliation: 54 %



Some preliminary results

- Risk profile
 - Obesity, BMI
- Lifestyle disease;
 - Diabetes mellitus

Obesity

Health and living conditions in Northern Norway

The SAMINOR study clinical part

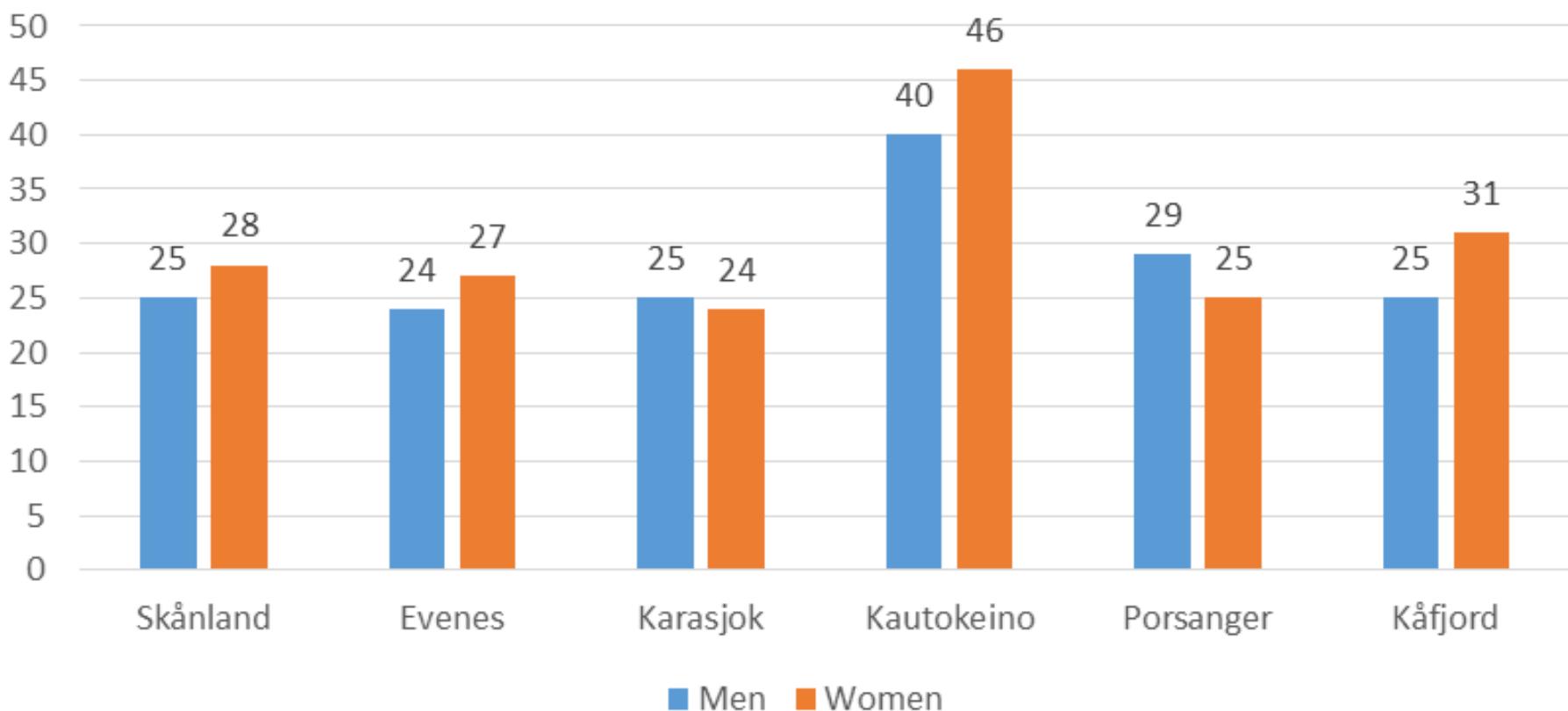
Increase in mean BMI last 40 yr

Age gr. 40 -42 (45). Finnmark municipalities

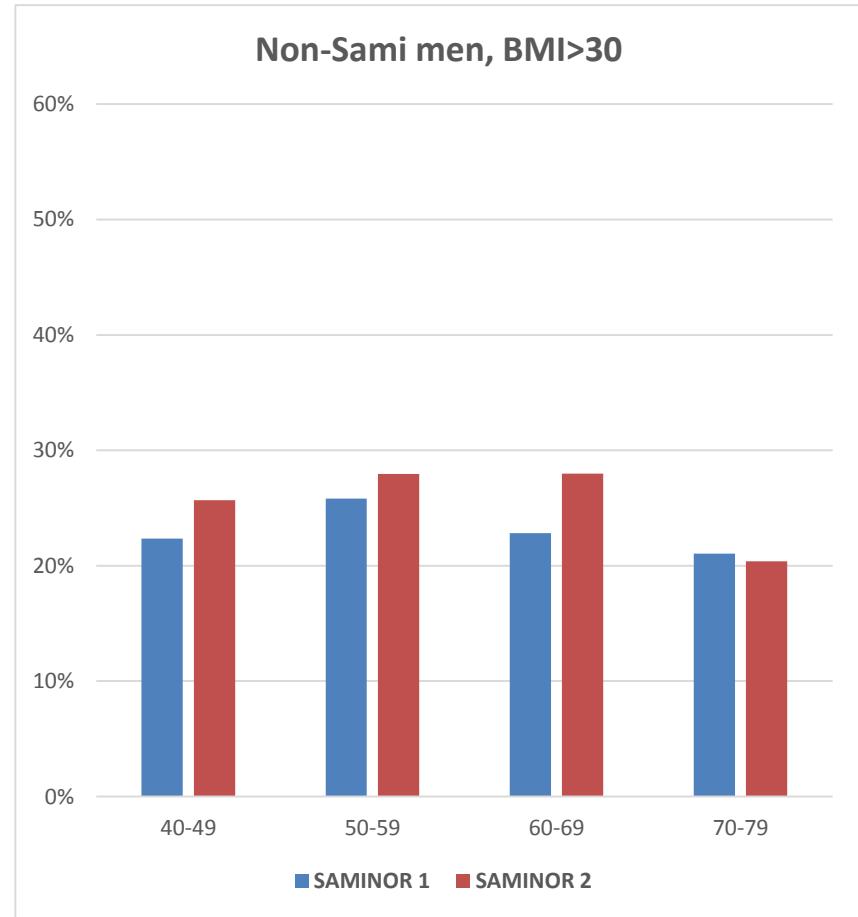
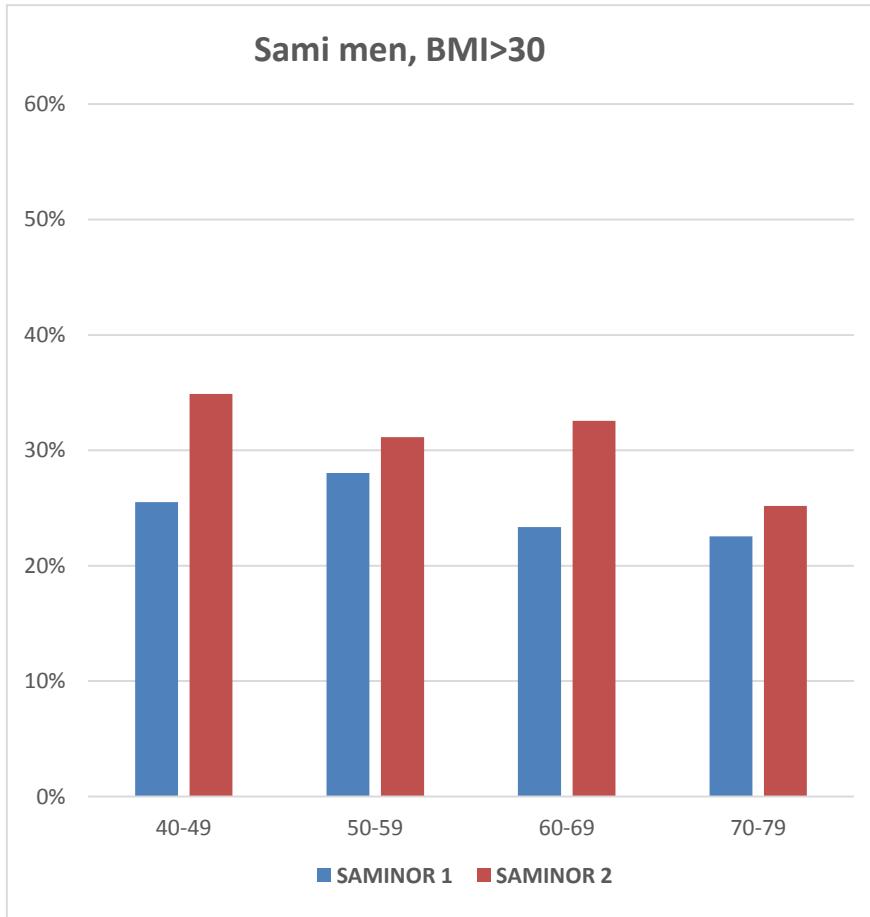
År	1974	1977	1987	1990	1993	1996	2001	2003-04	2012-14
<i>Kvinner</i>	25,1	24,5	24,9	25	25,1	25,3	26,6	26,3	26,9
<i>Menn</i>	25,1	25,5	25,9	25,8	26	26,5	27,3	27,8	29,1

Referanser; Breivik M J. Finnmarks helsehistorie gjennom 150 år
SAMINOR 1 (2003 -2004)
SAMINOR 2 (2012 -2014)

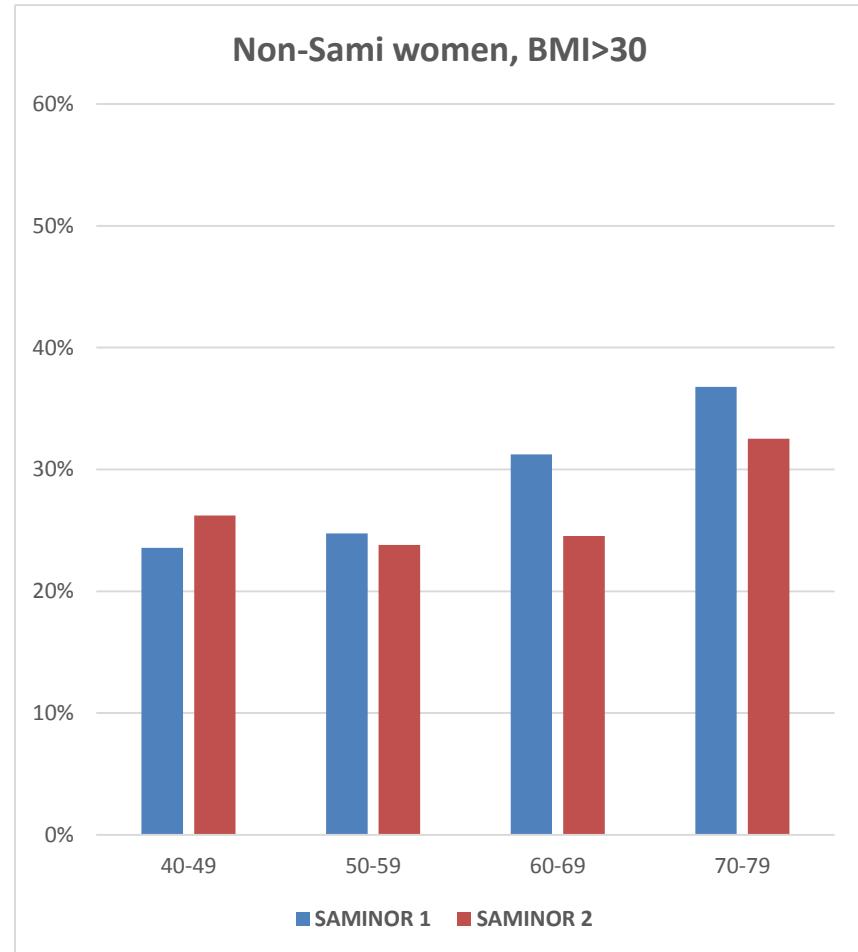
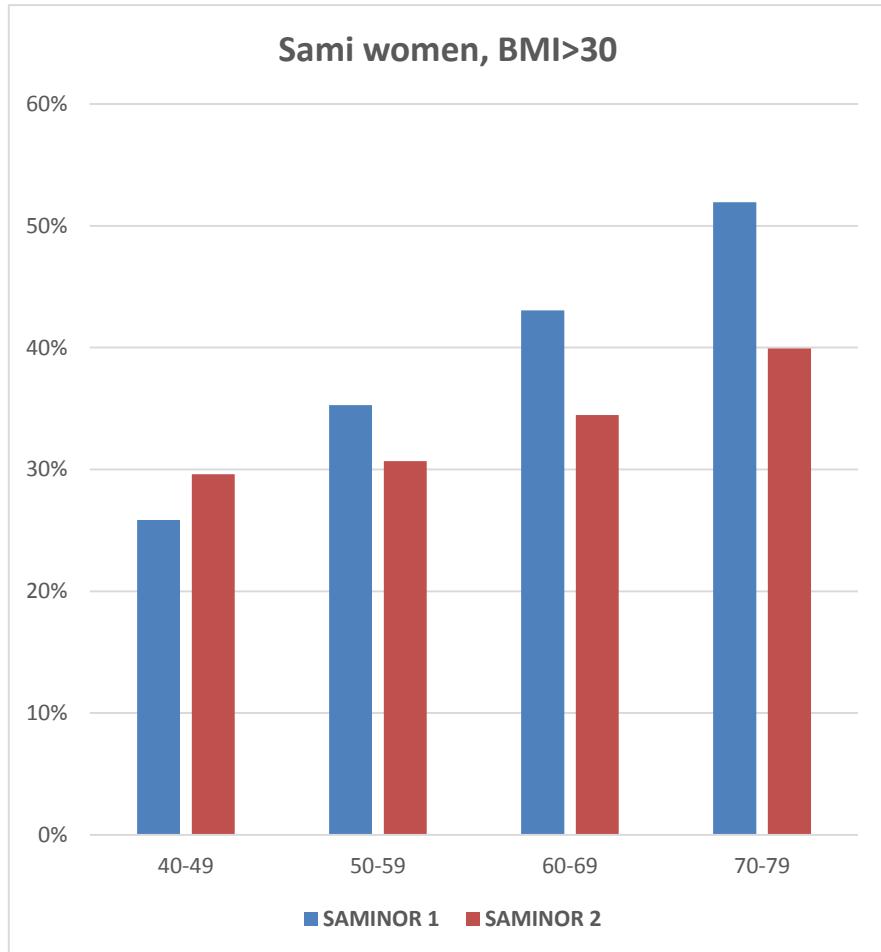
BMI ≥ 30 in six of total ten SAMINOR 2 municipalities



Men - obesity BMI > 30 kg/m²



Women - obesity BMI > 30 kg/m²



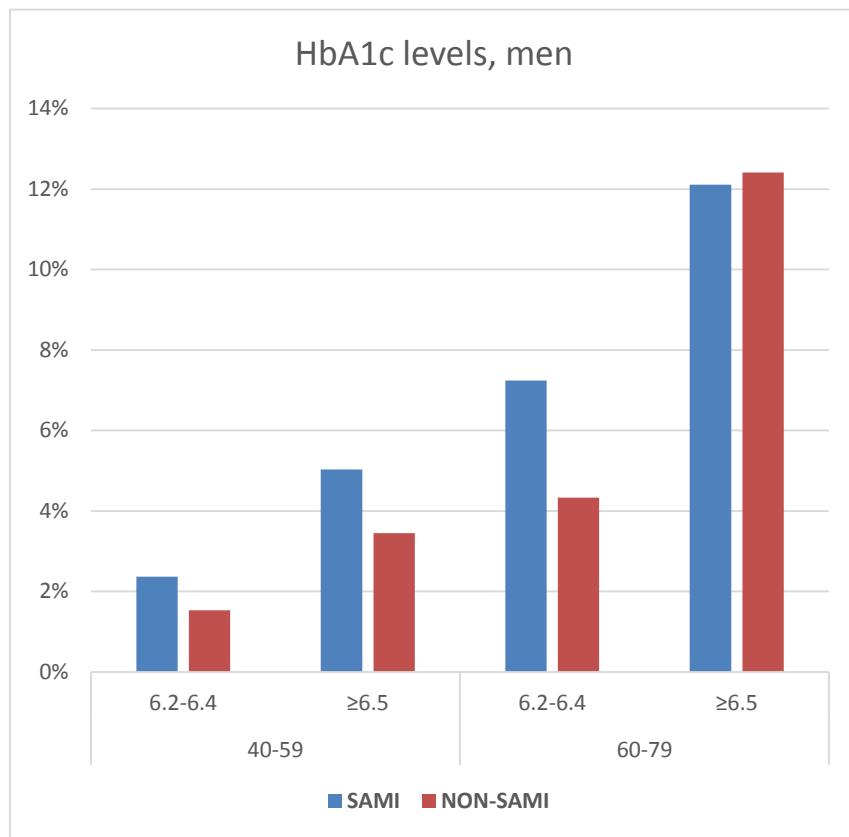


Diabetes mellitus

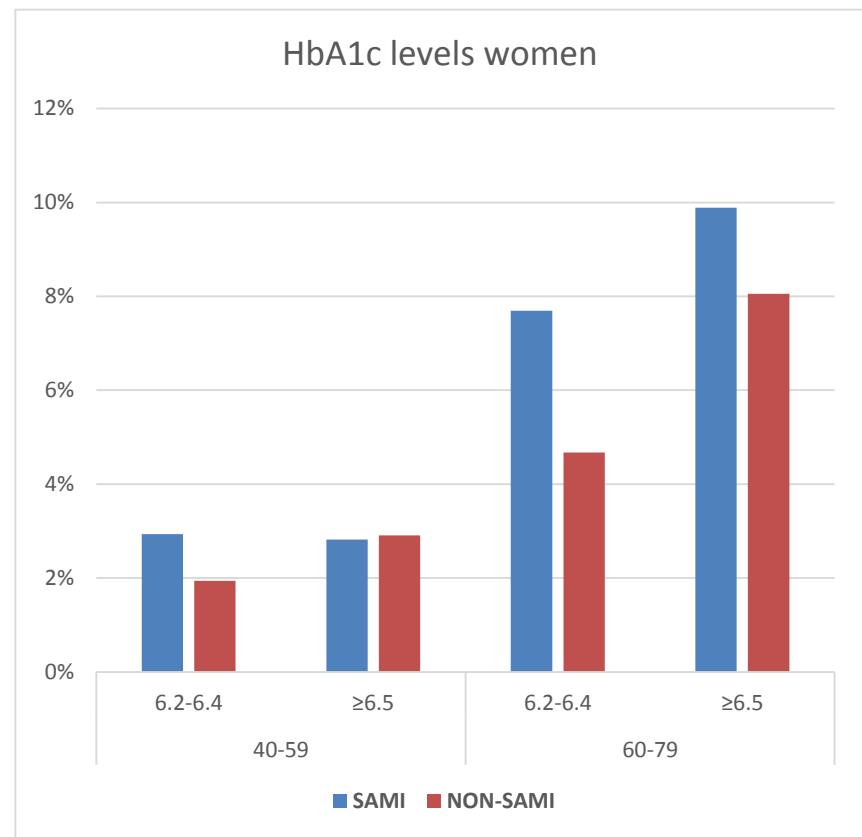
	Statistic bank – type 2 diabetes medication									
	Norway	Troms	Finnm	Skånl	Evenes	Karasj	Kauto	Porsan	Kåfj	
Men	3,9	3,9	4,4	4,4	3,9	2,8	5,2	3,9	4,5	
Women	2,8	3,2	3,6	3,6	3,9	3,2	5,1	4,6	4,0	
Both	3,4	3,6	4,0	4,0	3,8	3,0	5,2	4,2	4,2	
	SAMINOR 2 - HbA1c ≥ 6,5									
Men				8	10	4	10	7	11	
Women				4	3	2	9	3	10	

Glycated haemoglobin HbA1c

Men



Women



Other possibilities

- Several indicators
- Linkage of the SAMINOR study to National registers

Other possibilities

- Information from National registers – linkage with SAMINOR is possible;
 - Causes of Death Register
 - Cancer Register
 - Social security and employment
 - Education
 - Income
 - Migration
 - Prescription Register
 - etc

Velkommen til Senter for samisk helseforskning SSHF

[Forsiden](#) [Forskning](#) [Aktuelt](#) [Ansatte ved Senter for samisk helseforskning SSHF](#) [Om enheten](#)

Dette skjer på senteret

Reinkjøtt ut i verden - hva sier britene til å spise reinkjøtt

NRK Oddasat TV stiller spørsmål om overvekt i Sapmi og har invitert Ann Ragnhild Broderstad i studio (11. november 2015). Hun er faglig leder og prosjektleider for Helse- og levekårsundersøkelsen SAMINOR.

NRK Sapmi (publisert 4. november 2015). - Her sletter mange med fedme og diabetes. Presentasjon av rapport fra Helse- og levekårsundersøkelsen SAMINOR 2 klinisk i Kautokeino.

NRK Sapmi (publisert 17. september 2015). - Det er få forskjeller når vi sammenligner samer og ikke-samer. Lansering av populærvitenskapelig artikkelssamling i forbindelse med forskningsdagene i Finnmark

Publikasjoner:

Våre samarbeidspartnere:

- Samisk nasjonalt kompetansesenter - psykiskhelsevern og rus (SANKS)
- Universitetssykehuset i Nord-Norge
- Sámi allaskuvla
- Norsk institutt for luftforskning (NILU)
- Andre institutter ved UiT

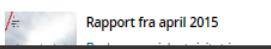
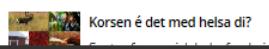
Hva skjer



Nyheter

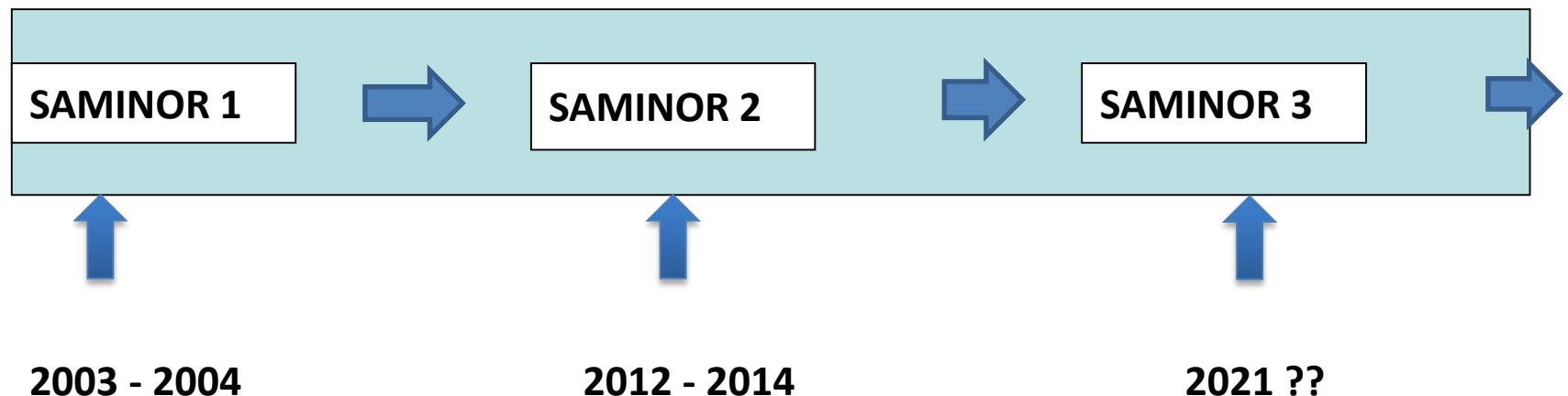


https://uit.no/om/enhet/forsiden?p_dimension_id=88115



ÅPNE / LUKKE BUNNMENY - FOOTER

SAMINOR – in the future





Good colleagues;

Marita Melhus Senior engineer

Solrunn Hansen projectcoordinator

Siw Jespersen Head of Administration

Funding

- Helse og omsorgsdepartementet
- Helsedirektoratet
- Helse Nord
- Regionale forskningsfond Nord-Norge
- Fylkeskommunene
- Sametinget
- Samisk nasjonalt kompetansesenter - psykisk helsevern og rus (SANKS)



Giitu. Thank you. Takk

