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# EMREX is here!!

## Seminar 31.1.2017 Helsinki



Uddannelses- og  
Forskningsministeriet



Swedish Council for  
Higher Education



31.1.2017  
Mats Lindstedt



# SLUSH 2016 vs EMREX 2017 November vs January



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# Agenda for today



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- 9.30 Opening session: Henrik Wulff, Rector of Arcada University of Applied Sciences  
Birgitta Vuorinen, Finnish Ministry of Education and Culture
- 9.45 EMREX and Field trial status  
What is EMREX and demo – Mats Lindstedt  
Field trial, lessons learnt and latest news – Tor Fridell
- 11.00 Student's view on mobility – Miia Vaara, Toni Tamminen, ESN Finland  
Case study: HEI administrator's view – Ylva Sundmark, Högskolan Dalarna
- 12.00 Lunch
- 13.00 Country specific workshops
- 14.00 Coffee break
- 14.15 Wrap-up of workshops
- 14.30 Student mobility initiative updates  
Erasmus Without Paper – Carmen Diaz, SIGMA, Spain  
DUO in the Netherlands – Jan Otten  
FAIR – Katrien Bardoel, EP Nuffic, Netherlands
- 15.15 Case study: Admission in Norway – Geir Vangen
- 15.45 EMREX 2.0 – first thoughts – Mats Lindstedt
- 16.00-16.30 Wrap-up



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# Facts about the project



- EU Erasmus+ project (2015-2017)
- Ministry level initiative
- Increase student mobility (20%)
- Recognition of previous studies
- Electronic and secure transfer of student data between HEIs
- Field trial and evaluation of impact
- Denmark, Finland, Italy, Norway, Poland, Sweden



EMREX webpage at  
[www.emrex.eu](http://www.emrex.eu)



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[News](#) [How to Join](#) [Field Trial](#) [Events](#) [About](#) [Contact](#)

# SUPPORTING STUDENT MOBILITY

EMREX IS THE SOLUTION FOR ELECTRONIC TRANSFER OF STUDENT RECORDS BETWEEN HIGHER EDUCATION INSTITUTIONS IN EU

[EMREX VIDEO](#)

[STUDENTS REACT TO EMREX](#)

[STUDENTS REACT TO EMREX-EXTENDED](#)



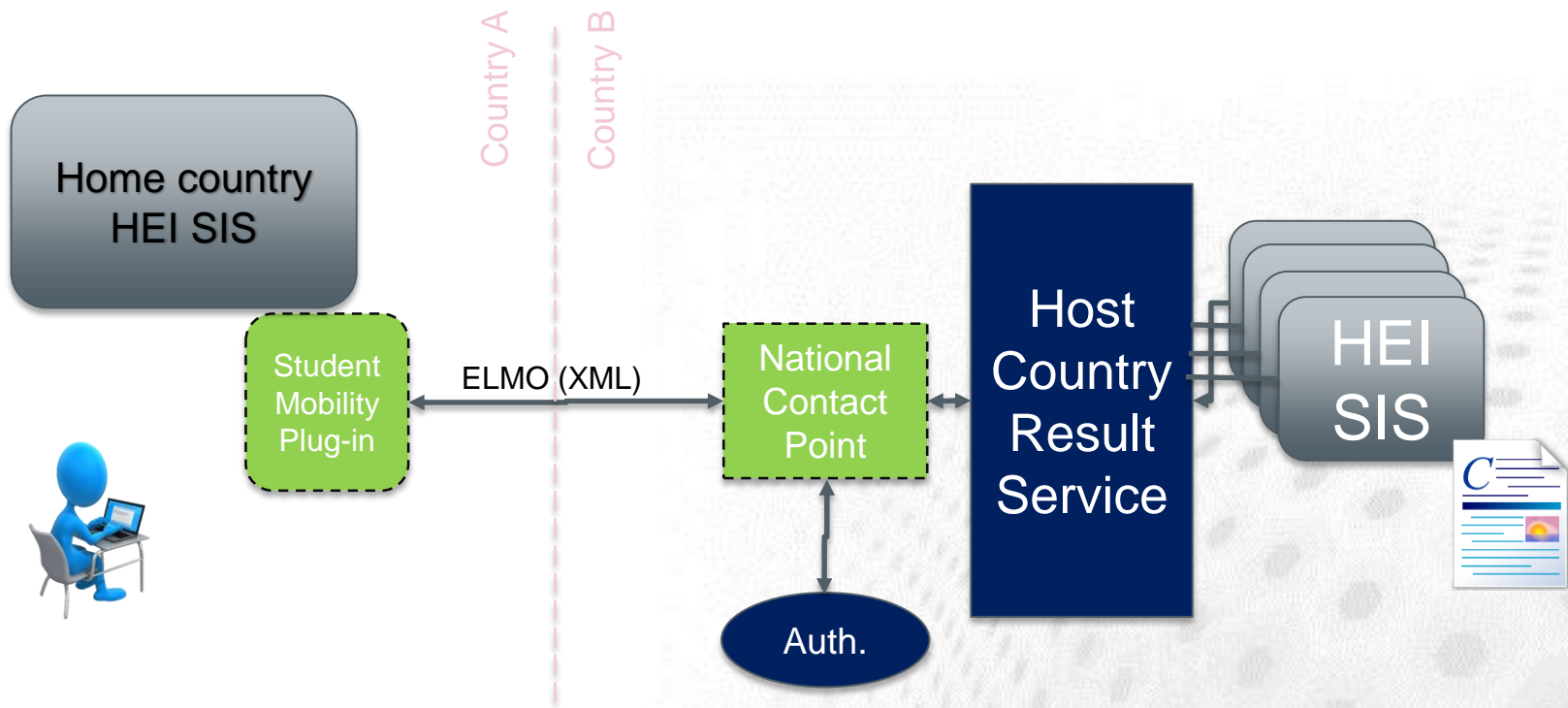
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# Timeline



We are here

# Supporting student mobility



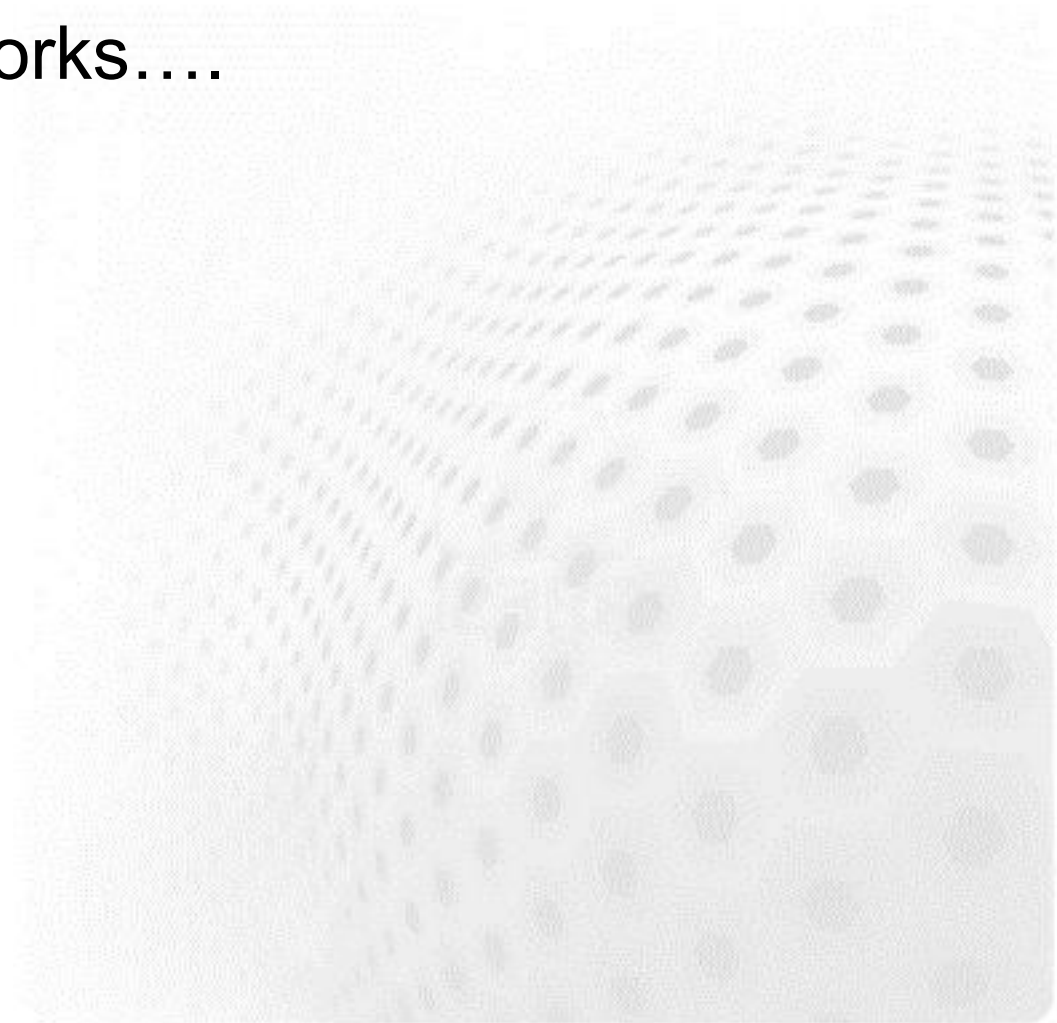
Student returning home can retrieve his achievement data electronically



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# Demo

- Live demo, if it works....





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## Field trial results after 2016

- Finland, Italy, Norway, Sweden in production
- Italian SMP ready for the HEIs
- Danish NCP in production in February
- Not that much exchange between Nordic countries
- Usage so far:

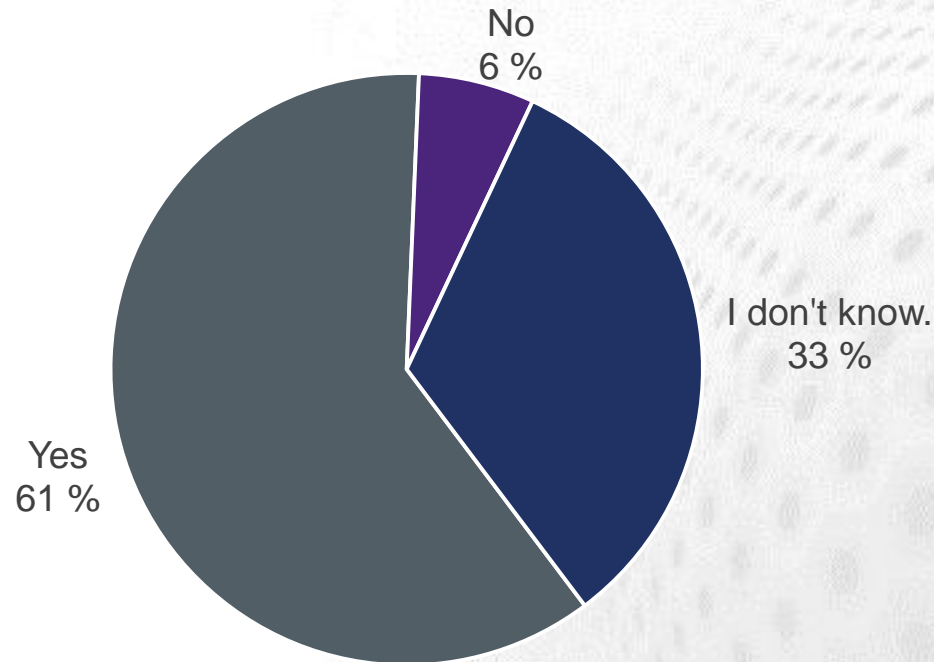
| Country | HEIs | Students    | Short surveys |
|---------|------|-------------|---------------|
| Denmark | 0    | 0           | 0             |
| Finland | 9    | 18          | 17            |
| Italy   | 1    | 3           | 1             |
| Norway  | 9    | 49          | 24            |
| Sweden  | 4    | 5 (+40 Swe) | 9             |



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# Willingness to use EMREX

*EMREX is the solution for electronic transfer of student records between higher education institutions in Europe. Students can use online tool to transfer their records from their host institution to their home institution. If EMREX was available for you, would you be willing to use it?*



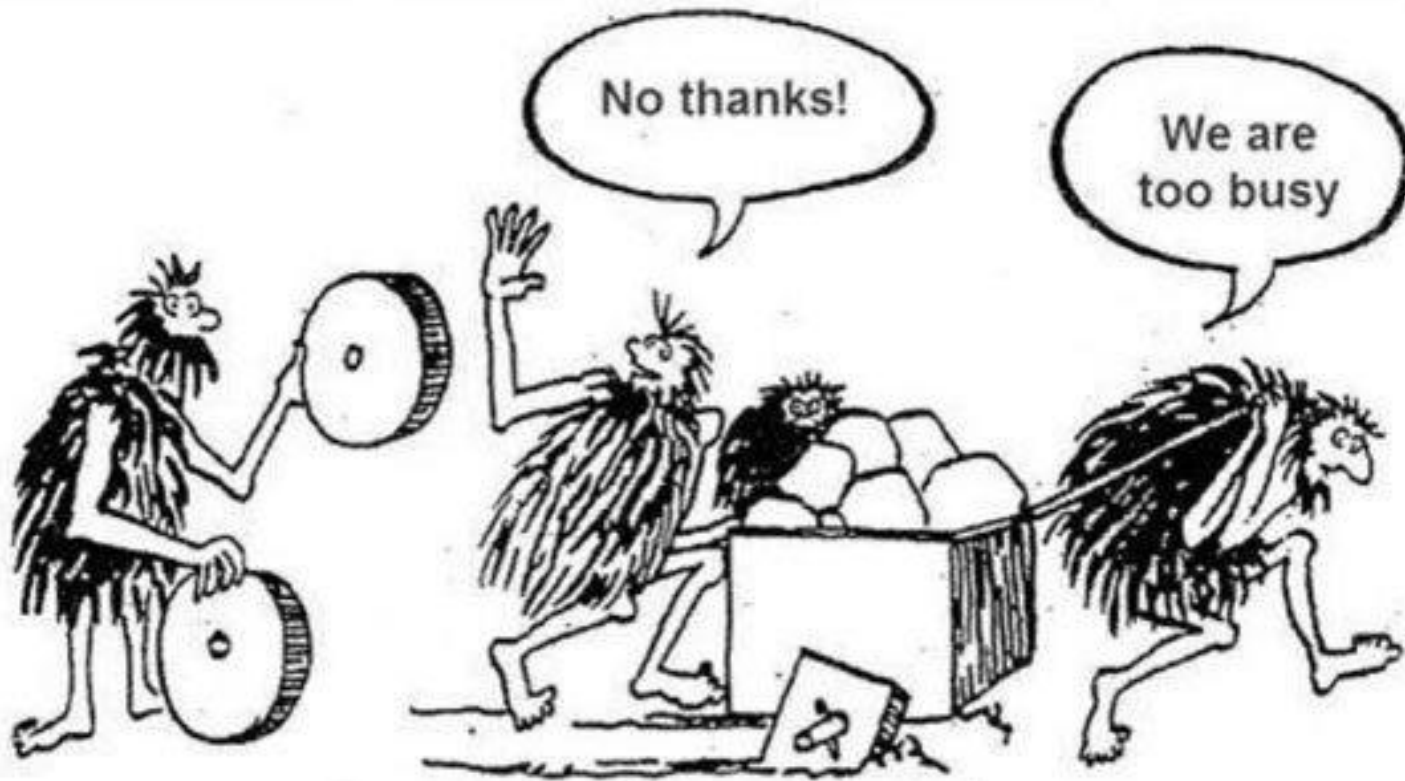


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## How to join?

- EMREX is open to all, no licence costs
- Testing network available
- Possible to join field trial also as only receiving end
- <http://emrex.eu/#joinus>

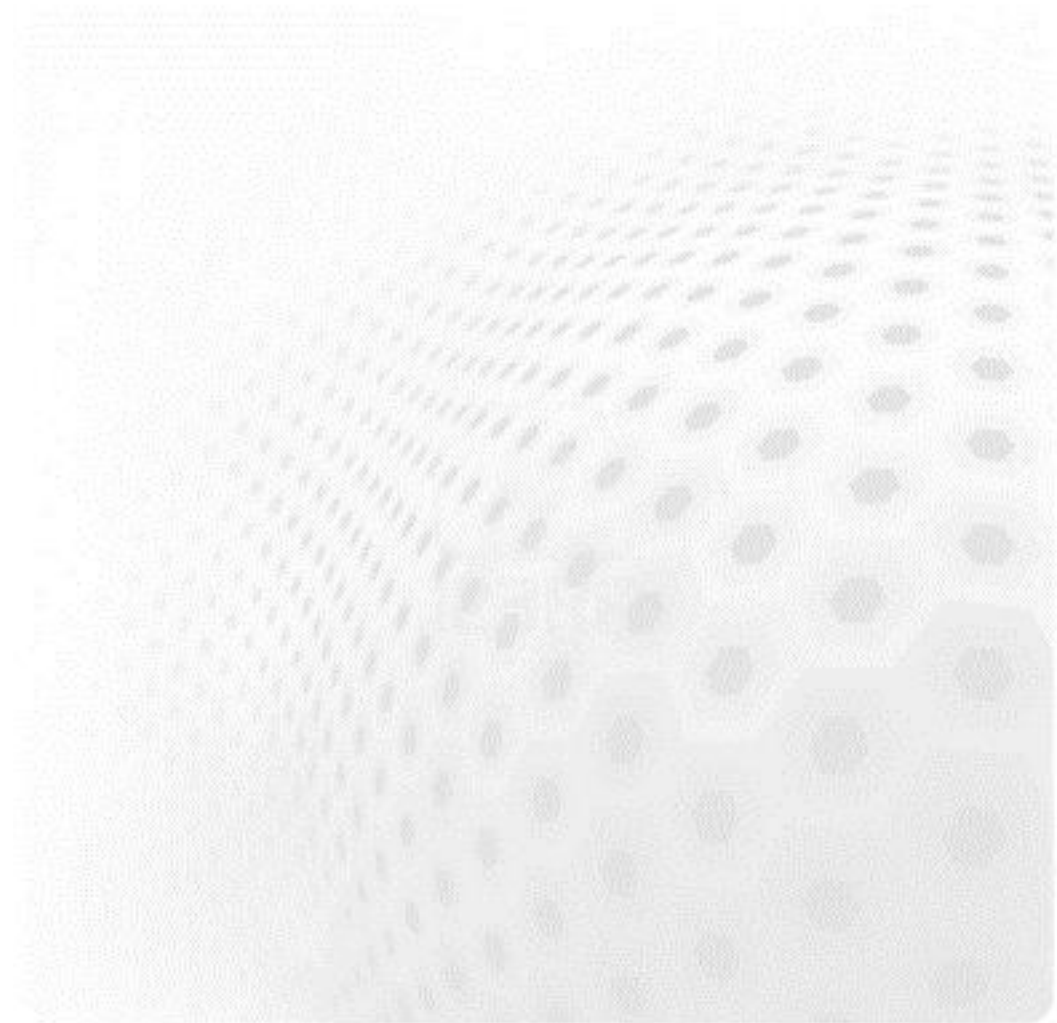
# Questions?





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# Field trial

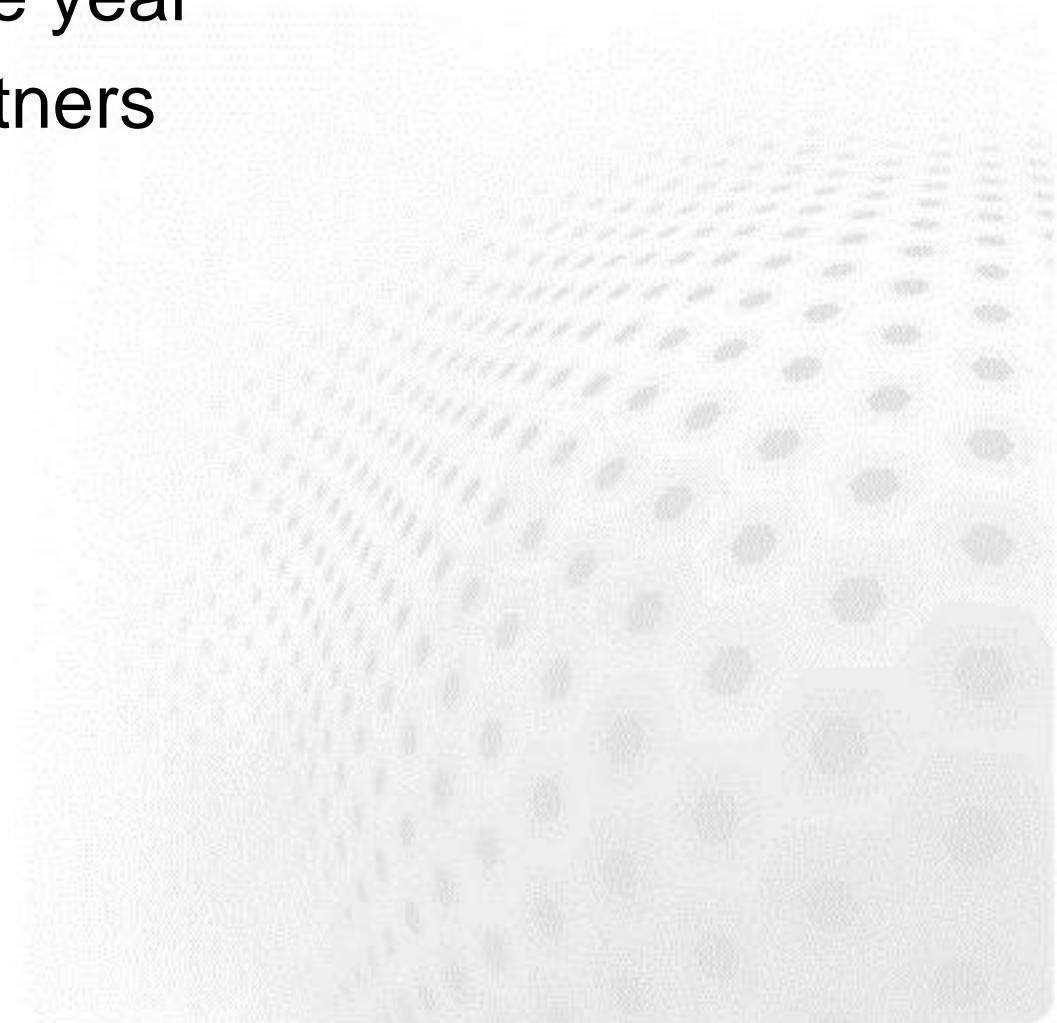




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# The Field Trial

- In operation for one year
- News from the partners
- Lessons learned





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# Where are we now?

- Production readiness:
  - Norway, Finland and Sweden in production, Italian NCP in approval
  - Denmark in production soon
  - Poland developing own NCP/SMP for internal national mobility
- Field trial
  - All HEIs from Norway and Sweden
  - All HEIs from Finland for incoming, 4 HEIs for outgoing students
  - All universities from Denmark for incoming (only NCP)
  - Two HEIs from Italy, Verona and Siena
  - (Polish internal mobility as backup)
  - **Field trial has started and is extended until summer 2017**
- Evaluation
  - F2F interviews with administrators done, more to come in spring
  - Short survey on EMREX system (part of SMP)
  - Statistics collected on usage of system
  - Long survey on recognition process



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## Field trial results until now

- Finland, Italy, Norway, Sweden in production
- Italian SMP ready for the HEIs
- Danish NCP in production in February
- Not that much exchange between Nordic countries
- Usage so far:

| Country | HEIs (NCP or SMP) | Students using SMP | Short surveys |
|---------|-------------------|--------------------|---------------|
| Denmark | 0                 | 0                  | 0             |
| Finland | 9                 | 22                 | 21            |
| Italy   | 1                 | 2                  | 1             |
| Norway  | 4                 | 49                 | 24            |
| Sweden  | 14                | 42                 | 9             |



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# News from the project partners





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- Four universities participating in Field Trial
- NCP expected ready next week
- No SMP during Field Trial
- 100+ possible users of NCP



# Finland



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- NCP and SMP in production
- Suggestion to the Haka steering group to update the recommendations to keep student accounts (Haka) active for 6-12 months after the study right expires.
- The Peppi-ecosystem is going to integrate EMREX into its national mobility and exchange studies recognition processes. More on this in the Finnish workshop
- Open Webinar held successfully

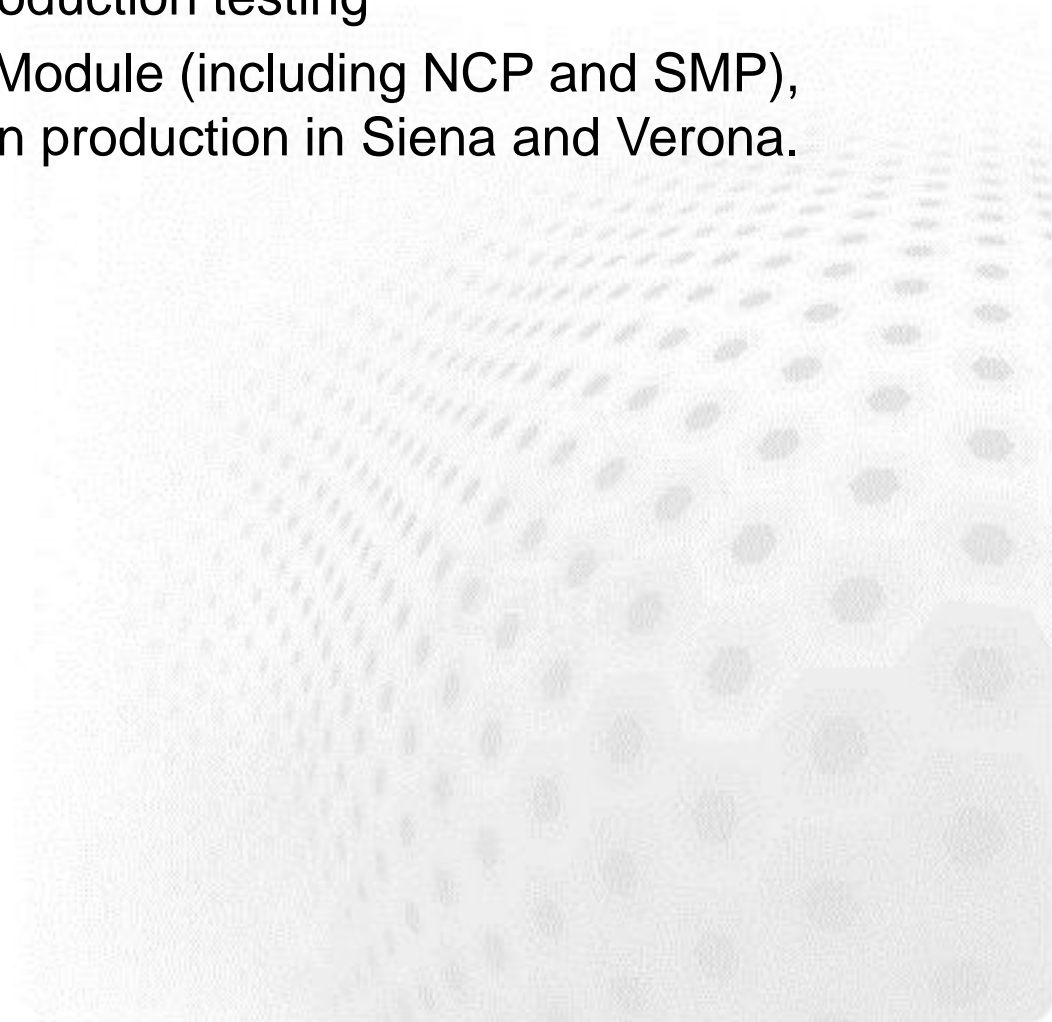


# Italy



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- Final phase of the preproduction testing
- After that Italian Emrex Module (including NCP and SMP), will be fully operational in production in Siena and Verona.





# Norway



Parts working:

- NCP -> Vitnemålsportalen
- SMP -> StudentWeb

Both parts are integrated in existing self-help portals for students.

| HEI  | Transfers | Credits |
|------|-----------|---------|
| AHO  | 6         | 198     |
| HBV  | 3         | 15      |
| HIOF | 3         | 60      |
| HIT  | 3         | 77      |
| NMBU | 2         | 180     |
| NTNU | 16        | 533,5   |
| UIB  | 5         | 645     |
| UIO  | 3         | 90      |
| UIS  | 8         | 255     |

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- The solution is available for all universities and university colleges in Norway that use FS as student information system (40 institutions).
- Student testing sessions in april and november 2016 arranged by University of Oslo.





# Poland



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- Decision of the Rector of the University of Warsaw to join field trial. The decision was made 2017-01--18.





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# Sweden

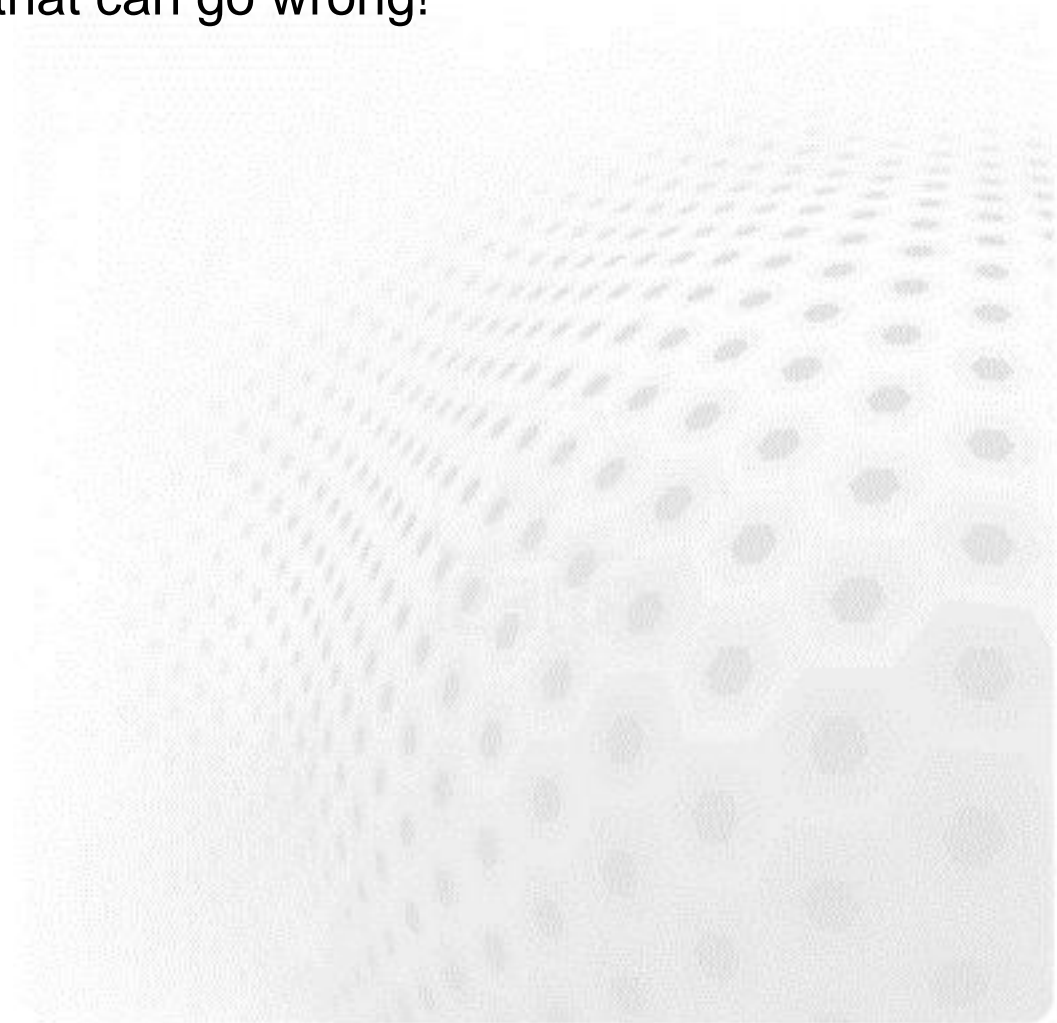
- Major project on new Student Information System rolling (Ladok3). This means development in old system is almost suspended
- Both NCP and SMP developed nevertheless, only NCP promised in application
- Secure transfer of pdf within SIS (LadokPing)
- Open Webinar held successfully



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# Lessons learned

- There are lots of things that can go wrong!





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# Lessons learned

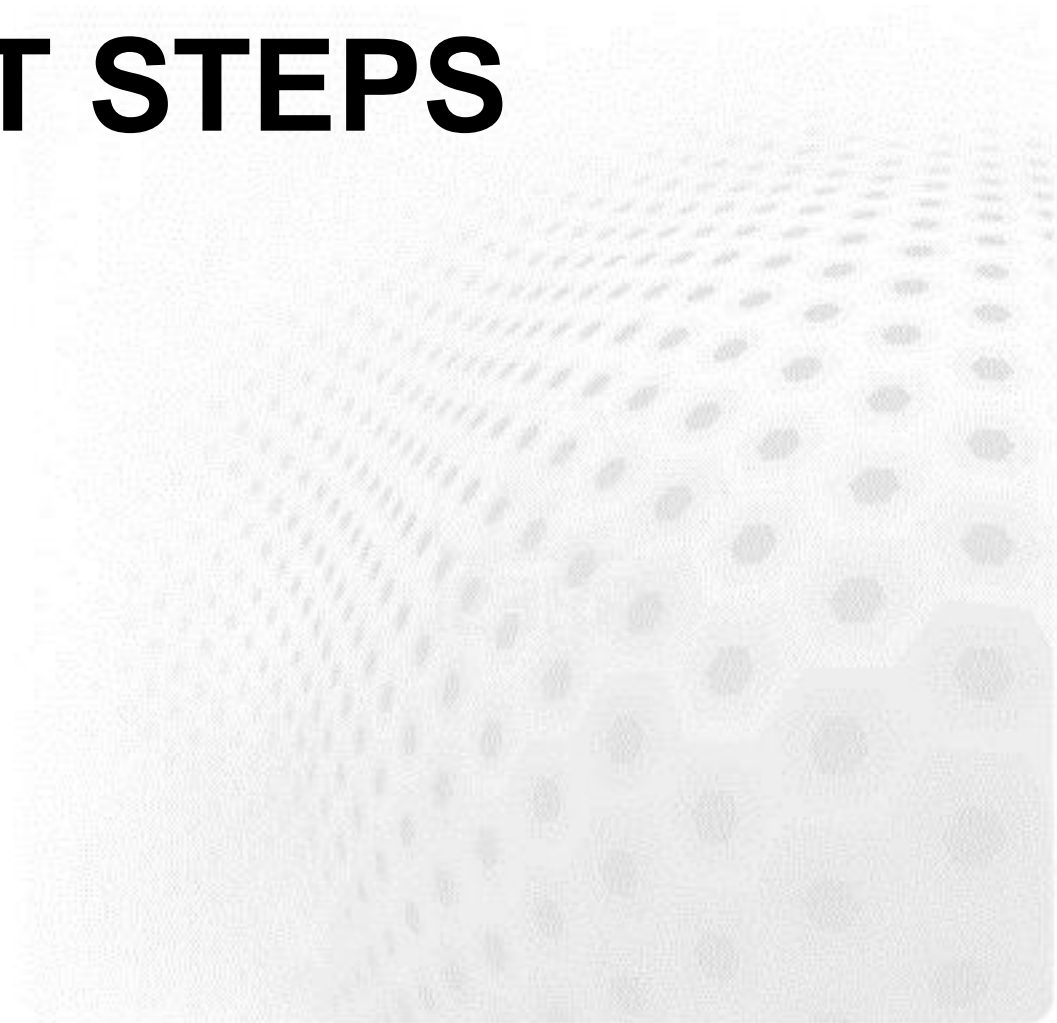
## **Obstacles for electronic transfer**

- Timing issues, f i Ladok3 in Sweden and procurement in Denmark
  - Short lifespan on accounts
  - Local architectural choices, f i need for Hetu in Finland and lack of information in service in Sweden
  - Very different organisation of SIS in Europe
  - Secure identification of students
- 
- Technology is NOT an issue!



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# NEXT STEPS





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# EMREX this year

- Field trial continues until summer 2017
- Focus on dissemination and scaling-up
- New partners already joining the network
  - Duo (Netherlands)
  - VTAC (Australia)
  - Spain China, USA....
  - EWP, ESC, DS, eIDAS (EU projects)
- EMREX 2.0 project application
- Internal mobility in Poland and Finland



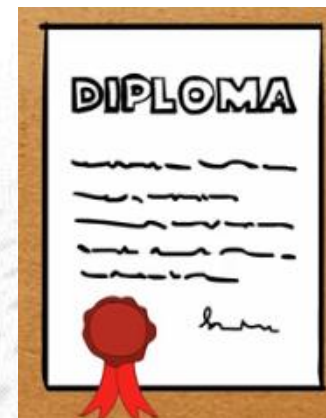
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# EMREX 2.0

- Decision to apply for extension of project 2018 ->
- Key scope:
  - Extend EMREX to new EU countries
  - Further integration into HEI processes
  - Improve elmo-standard
  - Maybe look into admission, diploma supplement etc
- Still possible to join as associated partner
  - Can get technical help from project
  - Able to follow progress

## New areas for EMREX and ELMO

- Global reach of EMREX
  - VTAC- Australia and others in Asia
  - Converter with PESC (USA)
- Supporting new processes
  - Admission process
  - Credential evaluation
  - Verification of student status for student loans
  - Degree certification for employers
- EMREX used for internal mobility, case Poland and Finland





# Additional information



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- EMREX website: [www.emrex.eu](http://www.emrex.eu)
- EMREX-info mailing list, e.g. monthly reports
- GitHub: <https://github.com/emrex-eu/>

# Questions?

