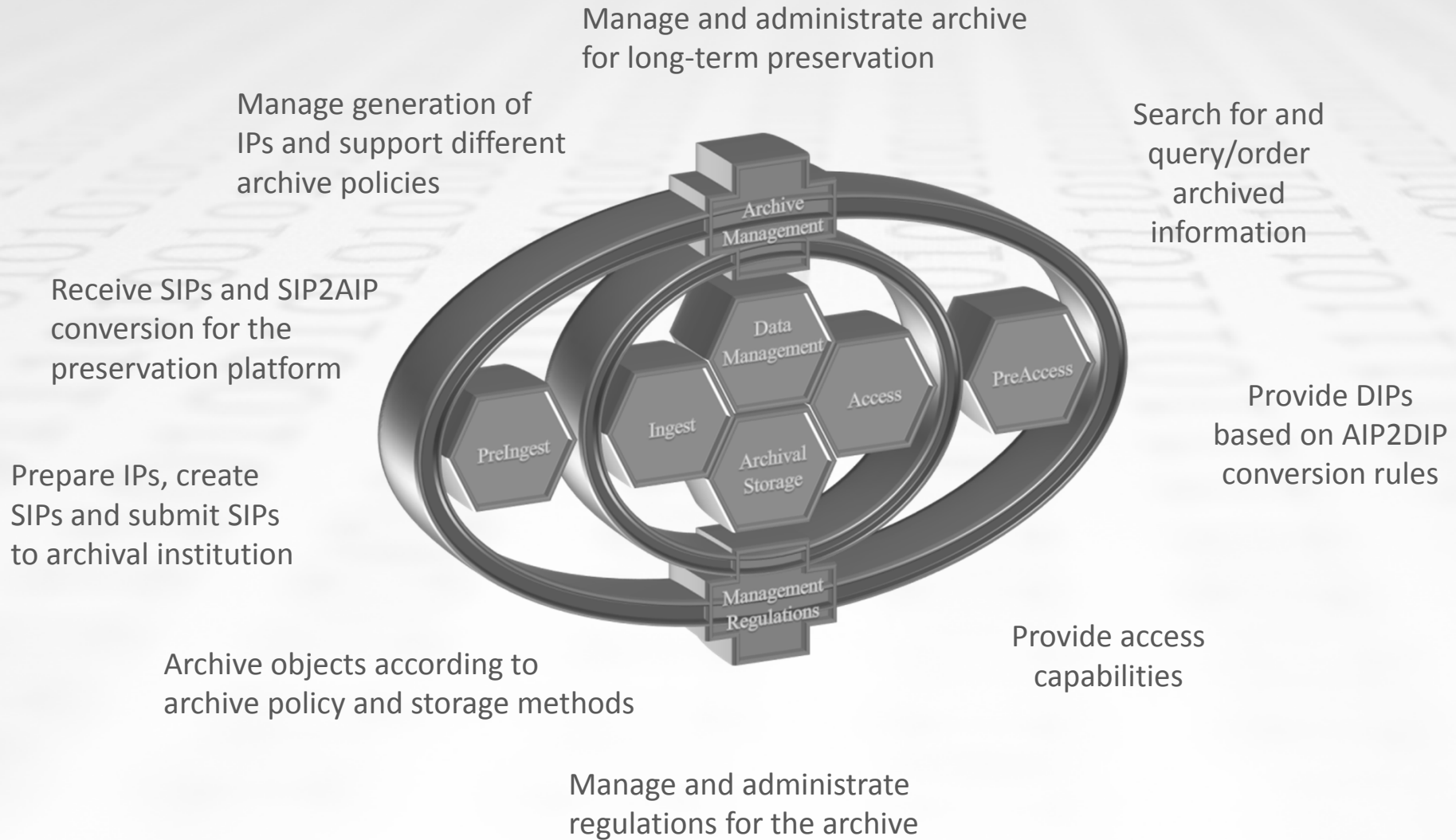
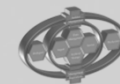


Introduction ESSArch

Björn Skog @ ES Solutions





ETP functionality

- prepare IPs
- create SIPs
- submit SIPs to archive

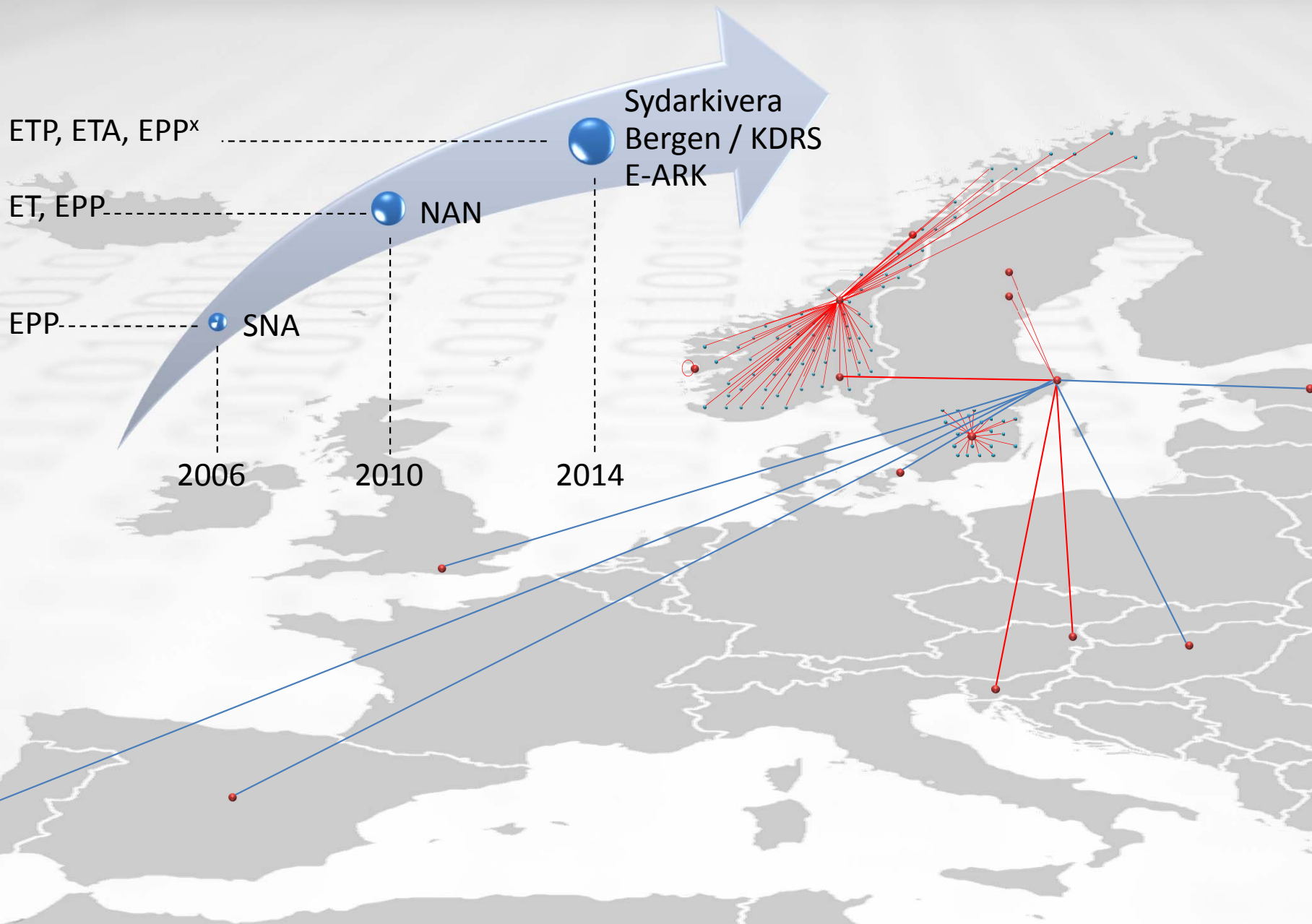
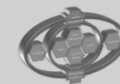
ETA functionality

- receive SIPs
- prepare SIPs for ingest into the preservation platform

EPP functionality

- check-in SIPs
- manage generations of IPs
- process IPs (IPO..IPx)
- create AIPs
- provide AIPs for AIP2DIP conversion

All applications also provides quality controls (automatic/manual) and logging of steps, tasks and events. Submission Agreements and associated profiles are supported, different archive policies and storage methods (EPP) and furthermore, there exist some more nice-to-have functionality ...



ETP, ETA, EPP^x

Sydarkivera
Bergen / KDRS
E-ARK

ET, EPP

NAN

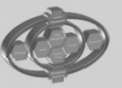
EPP

SNA

2006

2010

2014



Roadmap ETP - *version 1.0.0 will be available at the end of project E-ARK*

- ETP 0.93.4 current version today
- ETP 0.98.x will be supported (bug/fixes) but no new features will be added for 0.9xx versions
- ETP 1.0.0 will support final E-ARK specifications and dynamically IP map structures
- ETP 1.0.x bug/fixes and added/updated specifications/profiles

Roadmap ETA - *version 1.0.0 will be available at the end of project E-ARK*

- ETA 0.93.1 current version today
- ETA 0.93.x will be supported (bug/fixes) but no new features will be added for 0.9xx versions
- ETA 1.0.0 will support final E-ARK specifications and dynamically IP map structures
- ETA 1.0.x bug/fixes and added/updated quality control/management functionality

Roadmap EPP - *version 2.9.0 will be available at the end of project E-ARK*

- EPP 2.7.7 current version today
- EPP 2.7.x will be supported (bug/fixes) but no new features will be added for 2.7.x versions
- EPP 2.8.0 this version partly supports E-ARK specifications
- EPP 2.8.x bug/fixes, management/task/event improvements
- EPP 2.9.0 will support final E-ARK specifications and dynamically IP map structures

The backlog beyond E-ARK contains improvements for statistics, reports, appraisal, ACS integration, interoperability, validators and today's synchronization support for multiple archives (EPP instances)





ESSArch Tools for Producer

Prepare IP Create SIP Submit SIP

ESSArch - A Digital Archival Solution

ESSArch is an open source archival solution compliant to the OAIS ISO-standard. ESSArch consist of software components that provide functionality for Pre-ingest, Ingest, Preservation, Access, Data Management, Administration and Management. ESSArch has been developed together with the National Archives of Sweden and Norway. Every software component of ESSArch can be used individually and also be easily integrated together to provide overall functionality for producers, archivists and consumers. ESSArch consist of ETP, ETA and EPP, each individually created to provide tools for long-term digital preservation.

- ESSArch Tools for Producer (ETP) is used to prepare IPs, to create SIPs and to submit SIPs to archival institution
- ESSArch Tools for Archivists (ETA) is used to receive SIPs and to prepare SIPs for ingest into the preservation platform
- ESSArch Preservation (EPP) provide search and all

ETP is a set of tools for the

- Provides functionality
- Provides functionality created as a submit
- Provides functionality archivist organization

ESSArch Tools for Producer

admin

Prepare IP Create SIP Submit SIP

global search ...

Label	Responsible	Archivist organization	Date	State	Events	Status	Delete
ESS T3	admin	Skatteverket	2016-12-05 22:56:10	Preparing	Success	69%	X
ESS T2	admin		2016-12-05 22:56:04	Preparing	Success	33%	X
senaste IP	sysadmin	Skatteverket	2016-12-05 15:21:14	Prepared	Success	100%	X
test20161202_1	admin		2016-12-02 09:05:58	Preparing	Success	33%	X
J5	admin		2016-11-30 11:22:42	Preparing	Success	33%	X
J4	admin		2016-11-30 11:22:39	Preparing	Success	33%	X
J3	admin		2016-11-30 11:22:35	Preparing	Success	33%	X
Test 5	admin		2016-11-24 15:19:14	Preparing	Success	33%	X

Path: /ESSArch/data/etp/prepare/3a03a569-2bfc-4ac2-9f52-9a20a209c260

Submission Agreement: SA National Archive and Government 1

Enabled	Entity	Profile	State
<input checked="" type="checkbox"/>	Transfer project	Transfer Project Profile 1	Locked
<input checked="" type="checkbox"/>	Submit description	Submit description of a single SIP	Locked
<input checked="" type="checkbox"/>	SIP	EC	Look profile
<input checked="" type="checkbox"/>	AIP	Select a AIP profile	Look profile
<input checked="" type="checkbox"/>	DIP	Select a DIP profile	Look profile
<input type="checkbox"/>	Content type	Select a Content type profile	Look profile
<input type="checkbox"/>	Authority information	Select a Authority information profile	Look profile
<input type="checkbox"/>	Archival description	Select a Archival description profile	Look profile
<input type="checkbox"/>	Preservation metadata	Select a Preservation metadata profile	Look profile
<input type="checkbox"/>	Event	Event profile xxx	Locked
<input checked="" type="checkbox"/>	Data selection	Select a Data selection profile	Look profile
<input type="checkbox"/>	Import	Select a import profile	Look profile
<input type="checkbox"/>	Workflow	Select a Workflow profile	Look all

Map structure

- Root
- meta.xml
- metadata

ESSArch Tools for Archive

admin

Reception Transfer SIP

Responsible	Archivist organization	Date	State	Events	Status
T1		2016-12-05 22:56:38	At reception	Success	100%
ES:tar		2016-12-02 00:37:42	Unidentified	Success	0%
admin		2016-11-30 11:49:06	Receiving	Failure	Events 50%
		2016-11-24 16:26:02	Receiving	Failure	Events 50%

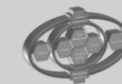
Approved to receive

ESSArch Tools for Archive

admin

Check information package to checkin from reception

ID	ARCHIVIST ORGANIZATION	LABEL	CREATE DATE	START DATE	END DATE	TYPE	MEDIA	STATE
9594-69d3c2c792c9	the archivist	Test 1	2016-11-24T15:42:01.485772+01:00	2016-11-10	2016-12-20	SIP	EFT	Reception
a65a-42d8a3663c47	the archivist	Test 6	2016-11-24T19:12:13.707484+01:00	2016-11-10	2016-12-20	SIP	EFT	Reception
826c-73735ccb2284	the archivist	Test idag 1	2016-11-24T22:15:26.891477+01:00	2016-11-10	2016-12-20	SIP	EFT	Reception
9a74-aa1154574ef1	the archivist	J2	2016-11-30T15:27:47.635243+01:00	2016-11-10	2016-12-20	SIP	EFT	Reception
9ad1-b73e07991aad	the archivist	A1	2016-12-02T21:47:45.000401+01:00	2016-11-10	2016-12-20	SIP	EFT	Reception



The screenshot shows the ESSArch web application interface. The browser tabs include 'ESSArch Tools for Producer', 'ESSArch Tools for Archive', and 'ESSArch Preservation Platform'. The URL is 'https://etp.demo.essarch.org/#/create-SIP/prepare-IP'. The main content area is titled 'ESSArch Tools for Producer' and contains a 'Prepare IP' button, a search bar, and a table of tasks. A left sidebar contains a navigation menu and a calendar. A bottom section contains a 'Select/Edit view' for profiles and a 'Map structure' section.

Label	Responsible	Archivist organization	Date	State	Events	Status	Delete
ESS T3	admin	Skatteverket	2016-12-05 22:58:10	Preparing	Success	58%	X
ESS T2	admin	Skatteverket	2016-12-05 22:58:04	Preparing	Success	33%	X
eenaste IP	sysadmin	Skatteverket	2016-12-05 15:21:14	Prepared	Success	100%	X
test20161202_1	admin	Skatteverket	2016-12-02 09:05:58	Preparing	Success	33%	X
J5	admin	Skatteverket	2016-11-30 11:22:42	Preparing	Success	33%	X
J4	admin	Skatteverket	2016-11-30 11:22:39	Preparing	Success	33%	X
J3	admin	Skatteverket	2016-11-30 11:22:35	Preparing	Success	33%	X
Test 5	admin	Skatteverket	2016-11-24 15:19:14	Preparing	Success	33%	X

Menu

Navigation view
(filter)

Calendar

User administration

Task Icons

Translation

List view

Select/Edit view



Download - welcome to try it out !!

- Please check out Github – <https://github.com/eark-project>
- Feedback is very much appreciated
- Be active in E-ARK, DLM DAS discussions, take the opportunity to influence

... and of course, even beyond E-ARK !

Thanks !

Björn Skog @ ES Solutions

*Don't miss
the workshop
tomorrow!!*