



STORK 2.0
SECURE IDENTITY ACROSS BORDERS LINKED 2.0

Auðkenning á milli landa

Stork 2.0 og tilraunaverkefni

Febrúar 2015

Rebekka Rán Samper
Verkefnastjóri

 ÞJÓÐSKRÁ ÍSLANDS
REGISTERS ICELAND

HVAÐ ER STORK 2.0?

STORK 2.0 (Secure idenTity acrOss boRders linKed 2.0)



3 ára verkefni
frá 2012 to 2015

19 lönd

58 þátttakendur



Sameiginlegt átak



*moving
services
forward.eu*



*making
healthcare
better.eu*



*making
access
smarter.eu*



*making
justice
faster.eu*



*making
business
easier.eu*



*making
procurement
better.eu*

MARKMIÐ

Að gera Evrópu að einu rafrænu
innskráningar- og auðkenningarsvæði



Fjögur undirmarkmið

1. Stuðla að **aukinni notkun rafrænna auðkenna** í opinberri þjónustu með **samræmingu á tækni milli landa Evrópu**

Fjögur undirmarkmið

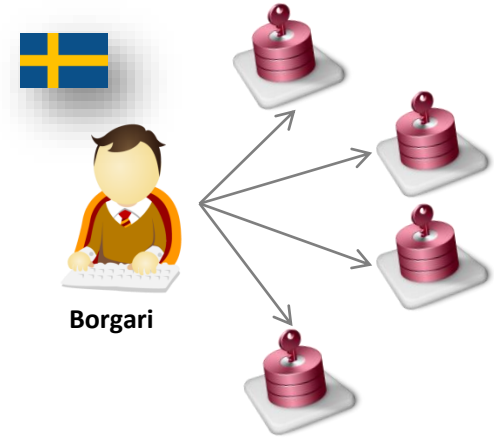
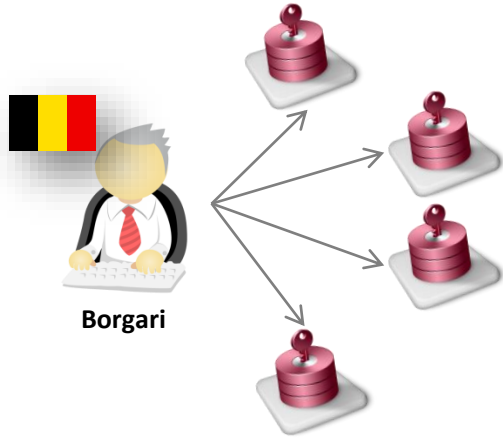
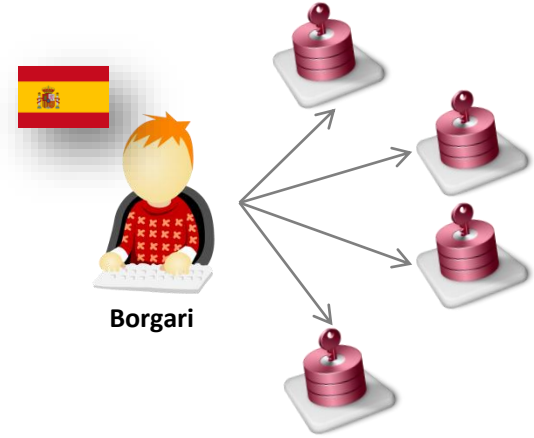
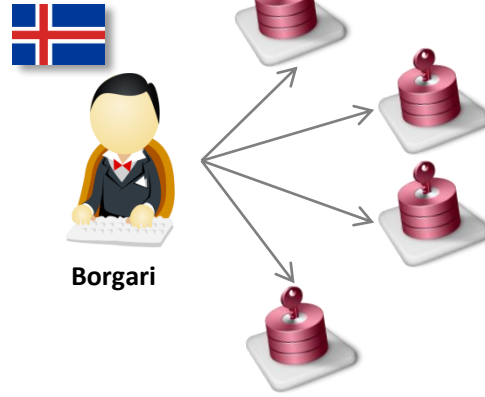
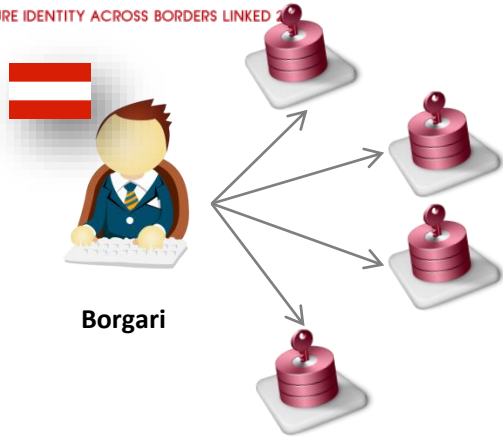
2. Innleiðing **sveigjanlegra lausna**, með **sameiginlegri sýn** á notkun rafrænna auðkenna fyrir aðgang að þjónustu.

3. Samræming einkageirans og hins opinbera:
einstaklingar og lögaðilar noti sömu öruggu
auðkenningarþjónustu.

4. Fjögur tilraunaverkefni til að prófa innviðina í raunumhverfi.

AUÐKENNINGARKERFIÐ

Hvert land hefur sitt auðkenningarkerfi





- QAA 1 - Lágmarks
- QAA 2 - Lágð
- QAA 3 - Allnokkuð
- QAA 4 - Hátt



TILRAUNAVERKEFNIN

eAcademia

Rafrænt nám og rafrænn
aðgangur að námsferli



eBANKING

Rafræn bankapjónusta



eBUSINESSES

Rafræn viðskiptapjónusta



eHEALTH

Rafræn heilbrigðisþjónusta



VIÐSKIPTATENGT

Tilraunaverkefni: eBanking

Rafræn bankþjónusta

Hvað á maður að geta gert?

- Stofnað bankareikning á milli landa í Evrópu (sem einstaklingur eða með umboði lögaðila)
- Skoðað reikninga og ráðstafað fjármunum (umsýsla fjármuna) af reikningi milli Evrópulanda

Hverjum gagnast þetta?



Tilraunaverkefni: eBanking

Rafræn bankaþjónusta



Arion-STORK
banking portal

Welcome to the Arion bank eBanking pilot portal

As a participants in the STORK 2.0 eBanking pilot, Arion bank in cooperation with Advania has built an online web application. This pilot service will provide a simple transparent and cross-border operational way to enable citizens of countries participating in STORK 2.0 to register online with Arion banki, i.e. open an account in Iceland, even though they don't live or do not have a permanent residency in Iceland.

The aim of the pilot is to examine both legal and physical barriers for cross border online opening of a bank account. The services built for the Arion banki eBanking pilot are:

1. Enroll for opening a demo bank account.
2. Log on to an existing demo bank account (available: august 2014).

To start the process for enrolling for a demo bank account please press the button with the label "Enroll for a bank account". The Citizen must have:

1. A valid Domestic eID (e.g. Citizen Card) + appropriate software/hardware for using the eID online.
2. Valid e-mail address.
3. Facsimile of passport or physical ID stamped by notary public.
4. Proof of residence (e.g. copy of utility bill).

If the applicant does not have Icelandic kennitala, is one part of the enrollment process to complete and electronically sign an application form for Icelandic kennitala at the National registry of Iceland. The National registry needs up to 3 weeks to process new kennitala.

[Enroll for opening a bank account](#)

Rafræn heilbrigðisþjónusta

Hvað á maður að geta gert?

- Fengið aðgang að sjúkraskráum sínum hvar sem er og hvenær sem er í heiminum
- Veitt læknum og heilbrigðisstarfsfólki erlendis
- aðgang með umboði að tilteknum upplýsingum um sjálfan sig í eigin sjúkraskrá



Rafræn heilbrigðisþjónusta frh.

Þetta mun einnig:

- Minnka pappírsumsýslu
- Auka gæði heilbrigðisþjónustu
- Hraðari þjónusta
- Beinni samskipti við sjúklinginn eða aðstandendur hans
- Hægt að nálgast upplýsingarnar á einum stað

Hverjum gagnast þetta?



Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli

Hvað á maður að geta gert?

- Sótt stúdentsskírteini / skírteini um háskólagráðu milli landa Evrópu
- Sent atvinnurekanda skírteini/staðfestingu prófgráðu
- Staðfest skírteini eða gráðu sem þér hefur borist sem atvinnurekandi

Hverjum gagnast þetta?



Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli

Trusted Attribute Display Service



Create Document

Manage Documents

Verify Document

Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli

Trusted Attribute Display Service



HOME / CREATE DOCUMENT

Please select the attributes to request.

Your Country of Origin

Iceland

Personal Attributes

	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Given Name	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Surname	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Inherited Family Name	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Adopted Family Name	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Gender	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Date of Birth	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Country Code of Birth Country	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Place of Birth	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Nationality Code	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Marital Status	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Text Residence Address	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
e-mail	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request
Title	<input type="radio"/> Request	<input checked="" type="radio"/> Optional	<input type="radio"/> Do not request

STORK:: (Secure Identity Across Borders Linked)

Consent to request attributes

Service Provider DEMO-SP with QAA Level 3 is requesting the following attributes:

Attributes

Mandatory attribute(s)

e-Identifier

Optional attribute(s)

- status
- Given Name
- eLPIIdentifier
- alternativeName
- Date of Birth
- translatableType
- Residence Permit
- activity
- citizenQAALevel
- registeredCanonicalAddress
- e-mail
- Gender
- Age
- Degree
- fiscalNumber
- contactInformation
- registeredAddress
- legalName
- Nationality Code
- Surname
- Title
- Marital Status
- Text Residence Address
- Inherited Family Name
- Pseudonym
- type
- Adopted Family Name
- Country Code of Birth

send

cancel



Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli



Íslykill

Kennitala:



Íslykill:

Íslenskir sérstafir: á ð é í ó ú ý þ æ ö

[Smelltu hér til að panta Íslykil](#)

[Staðfesta](#)

Rafræn skilríki

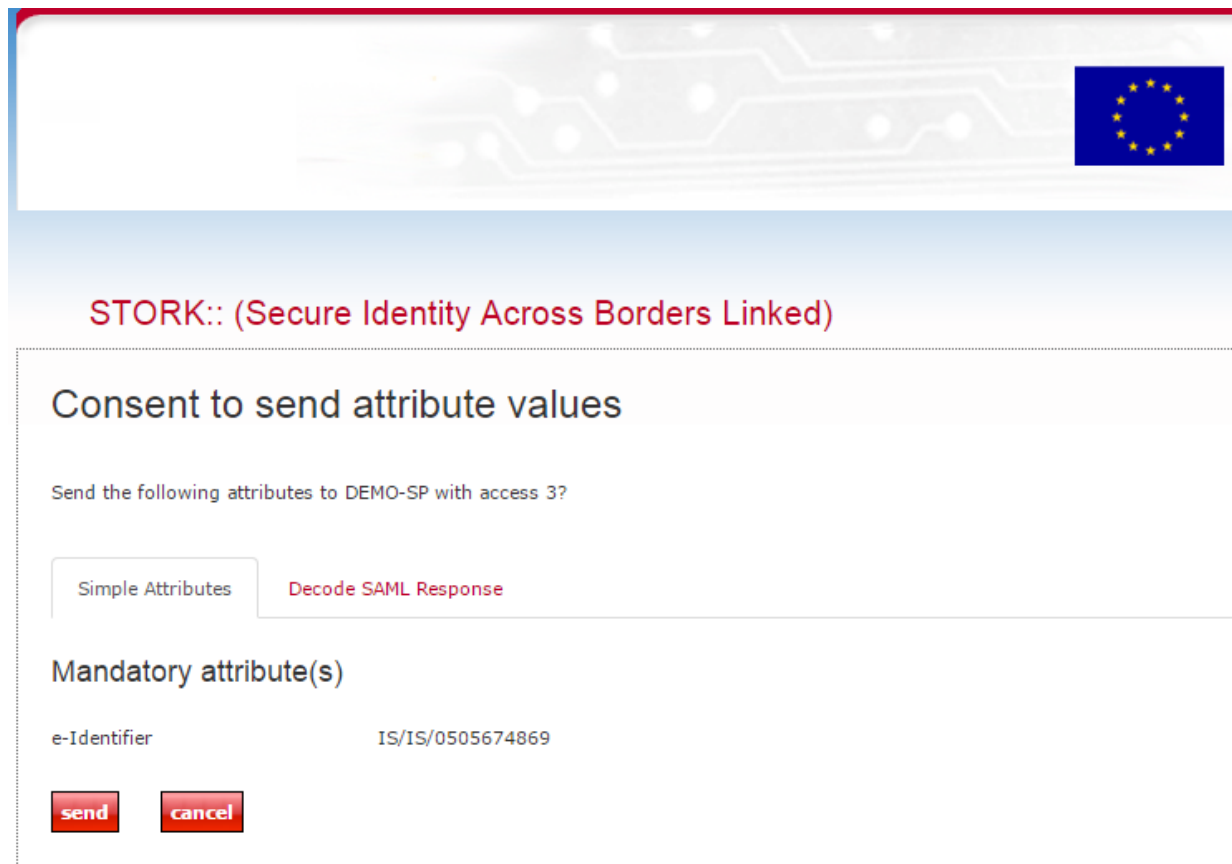
[Staðfesta](#)

Vantar þig aðstoð?



Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli



STORK:: (Secure Identity Across Borders Linked)

Consent to send attribute values

Send the following attributes to DEMO-SP with access 3?

Simple Attributes Decode SAML Response

Mandatory attribute(s)

e-Identifier IS/IS/0505674869

Tilraunaverkefni: eAcademía

Rafrænt nám og rafrænn aðgangur að námsferli

Trusted Attribute Display Service



HOME / DOCUMENT MANAGEMENT

Document Management

Document1

DELETE

Document2

DELETE

Document3

DELETE

Document4

DELETE

Document5

DELETE

Create New Document

Tilraunaverkefni 1: eAcademía

Valið hvaða gögn viðkomandi er að sækja



TADS



STORK 2.0
SECURE IDENTITY ACROSS BORDERS LINKED 2.0

making access smarter.eu

- Student records from Czech Rep.
- Student records from Iceland
- Student records from Italy
- Student records from Lithuania
- Student records from Portugal
- Student records from Slovenia
- Student records from Spain
- Student records from Sweden
- Student records from Turkey
- Student records from UK

Tilraunaverkefni 1: eAcademía

Á Íslandi gæti valið litið svona út



TADS



*making
access
smarter.eu*

INNA - sækja stúdentspróf

UGLA - Háskóli Íslands

Mentor - sækja grunnskólapróf


My School- Reykjavik University

Tilraunaverkefni 1: eAcademía


Skjalið sótt

TADS







making access smarter.eu



QR code



Digital Signature



TADS - Iceland
TADS - Iceland

URL

https://IS_tads.eid.eu/documents/12d33dr5.pdf

Tilraunaverkefni 1: eAcademía

Gögnin send þriðja aðila



Tilraunaverkefni 3: eBusiness

Rafræn viðskiptaþjónusta

Hvað á maður að geta gert?

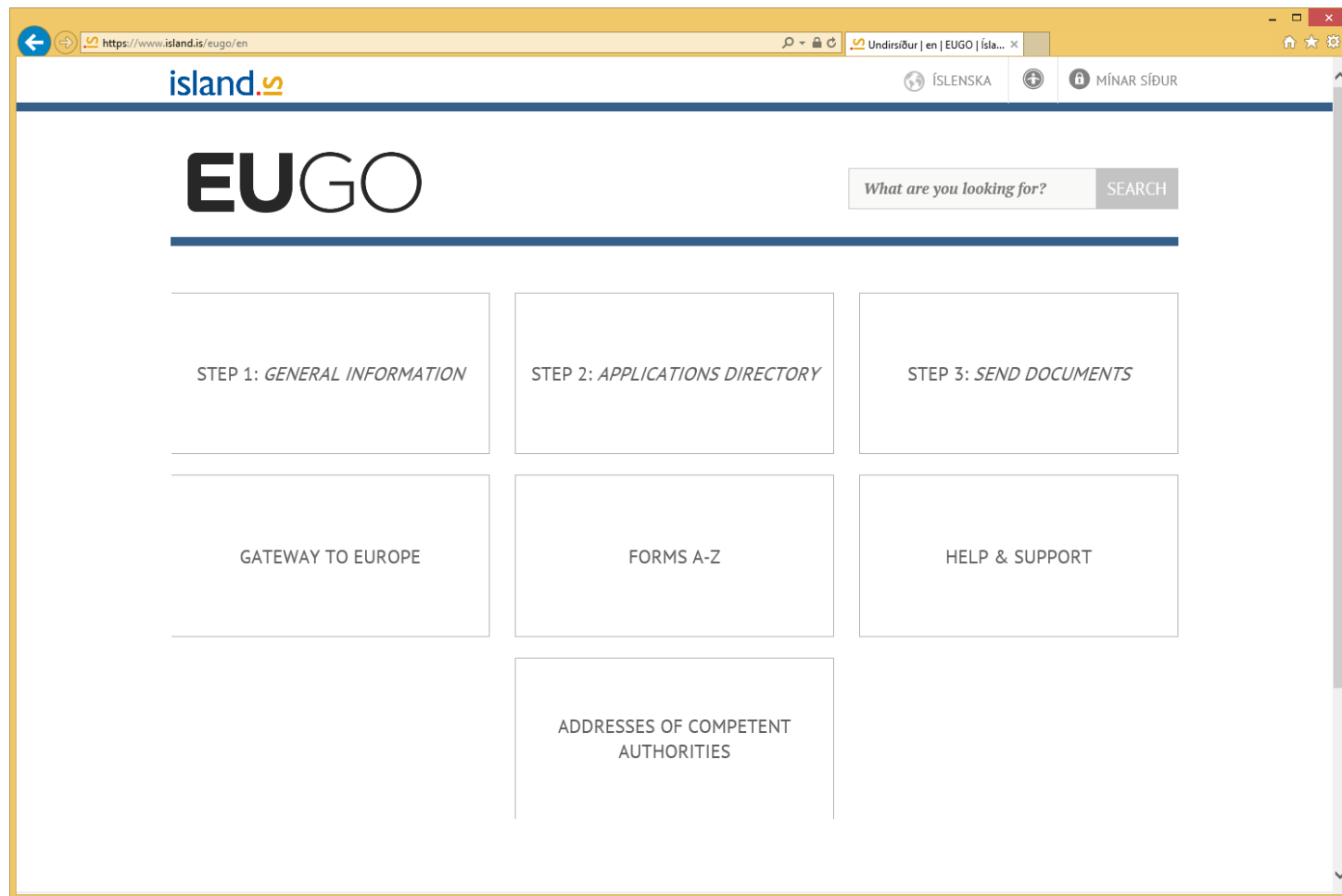
- Sótt um leyfi eða starfsréttindi milli landa í Evrópu gegnum Eugo/PSC

Hverjum gagnast þetta?

Tilraunaverkefni 3: eBusiness

Rafræn viðskiptaþjónusta

STORK DEMO



island.is

ÍSLENSKA MÍNAR SÍÐUR

EUGO

What are you looking for? SEARCH

STEP 1: GENERAL INFORMATION

STEP 2: APPLICATIONS DIRECTORY

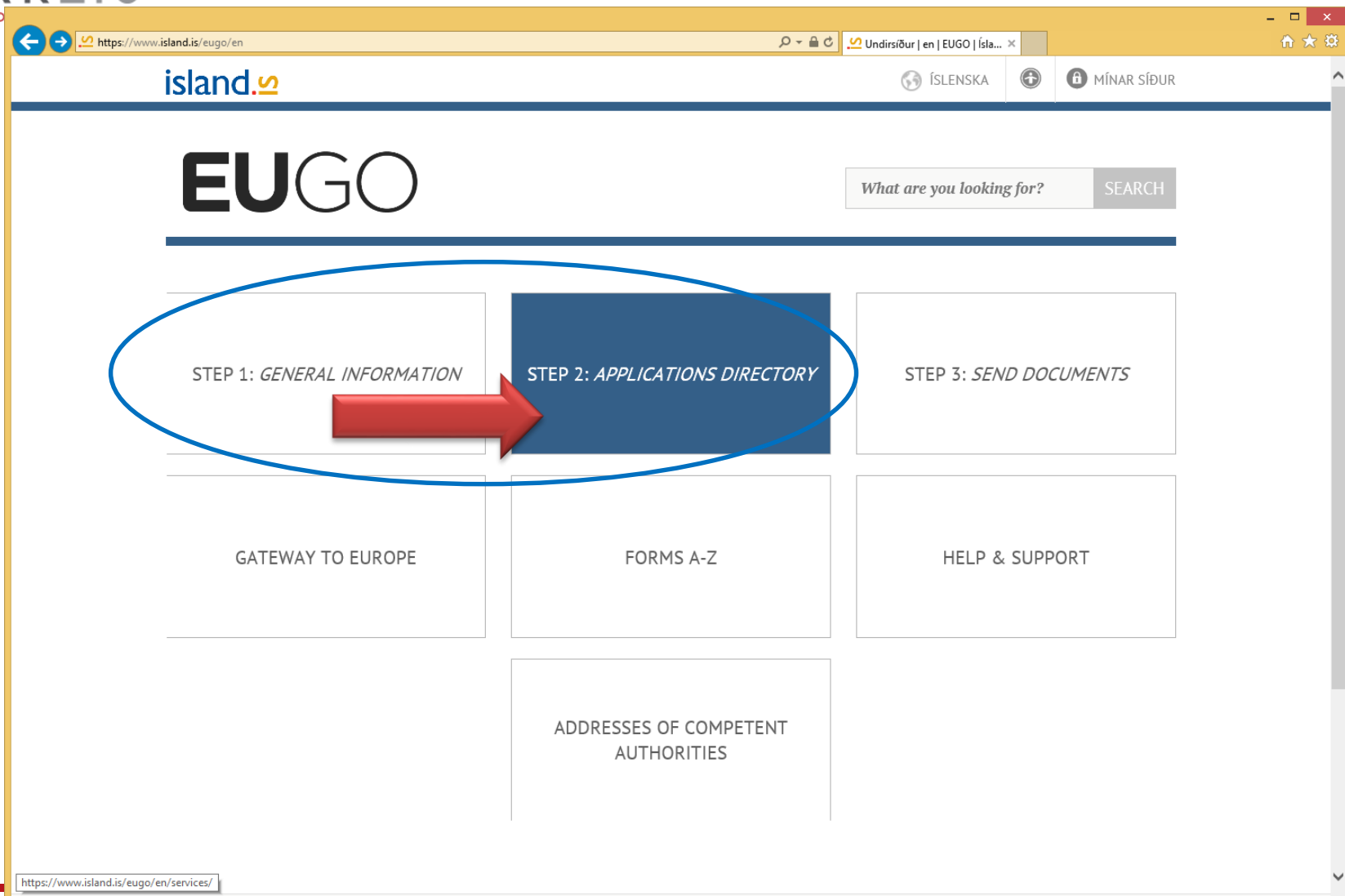
STEP 3: SEND DOCUMENTS

GATEWAY TO EUROPE

FORMS A-Z

HELP & SUPPORT

ADDRESSES OF COMPETENT AUTHORITIES



island.is

ÍSLENSKA MÍNAR SÍÐUR

EUGO

What are you looking for? SEARCH

STEP 1: GENERAL INFORMATION

STEP 2: APPLICATIONS DIRECTORY

STEP 3: SEND DOCUMENTS

GATEWAY TO EUROPE

FORMS A-Z

HELP & SUPPORT

ADDRESSES OF COMPETENT AUTHORITIES

https://www.island.is/eugo/en/services/

... fyllum út eyðublaðið (PDF)

STORK DEMO


IS-TEST.pdf - Adobe Acrobat Pro

Datei Bearbeiten Anzeige Fenster Hilfe

Erstellen

1 / 1 123%

Werkzeuge Kommentar



APPLICATION

for a temporary event licence

Please note that applications should be received at least 7 days before the event

Choose your district (receiving authority): Reykjavik Metropolitan Police

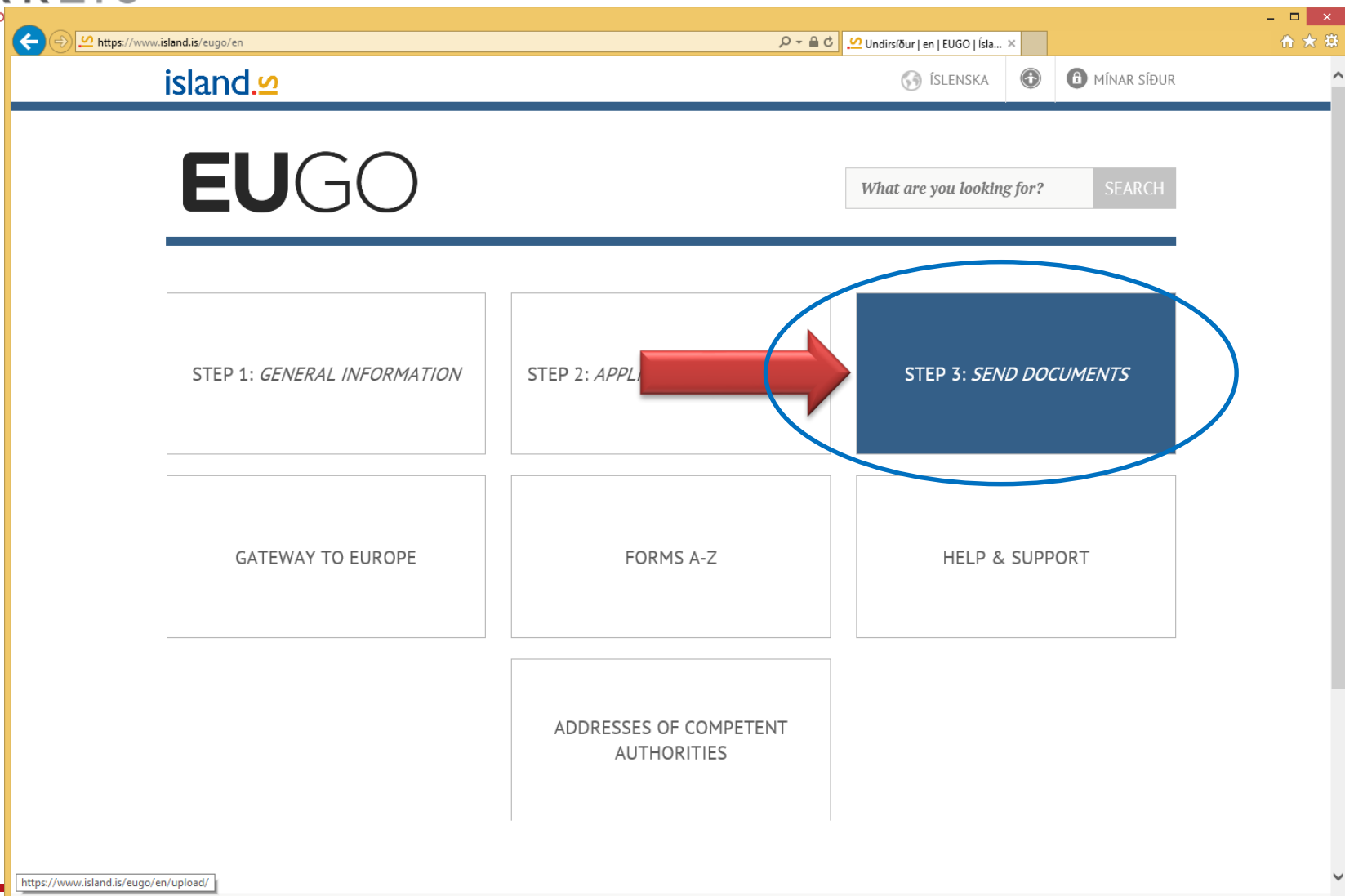
Licence for a temporary event kr. 6.000.- (e.g. festivals, outdoor concerts, school events (ball) and tent gatherings.

Temporary liquer licence kr. 20.000.- (not given to the same place more than twelve times each year).

Applicant:		ID Number:
Name:	ARGE STORK.AT	9110013447875
Address:	Innfeldgasse 16a	Telephone: +43 316 873-5514
Postcode:	8010 Location: Graz	Fax: +43 316 873-1055 GSM:
Manager/Guarantor:		ID Number:
Name:	Herbert Leitold	2711-02026578
Address:	Innfeldgasse 16a	Telephone: +43 316 873-5514
Postcode:	8010 Location: Graz	Fax: +43 316 873-1055 GSM: +43 664 6087355
Location of event:		

Ætlum að senda eyðublaðið

STORK DEMO



island.is

ÍSLENSKA MÍNAR SÍÐUR

EUGO

What are you looking for? SEARCH

STEP 1: GENERAL INFORMATION

STEP 2: APPLICATION

STEP 3: SEND DOCUMENTS

GATEWAY TO EUROPE

FORMS A-Z

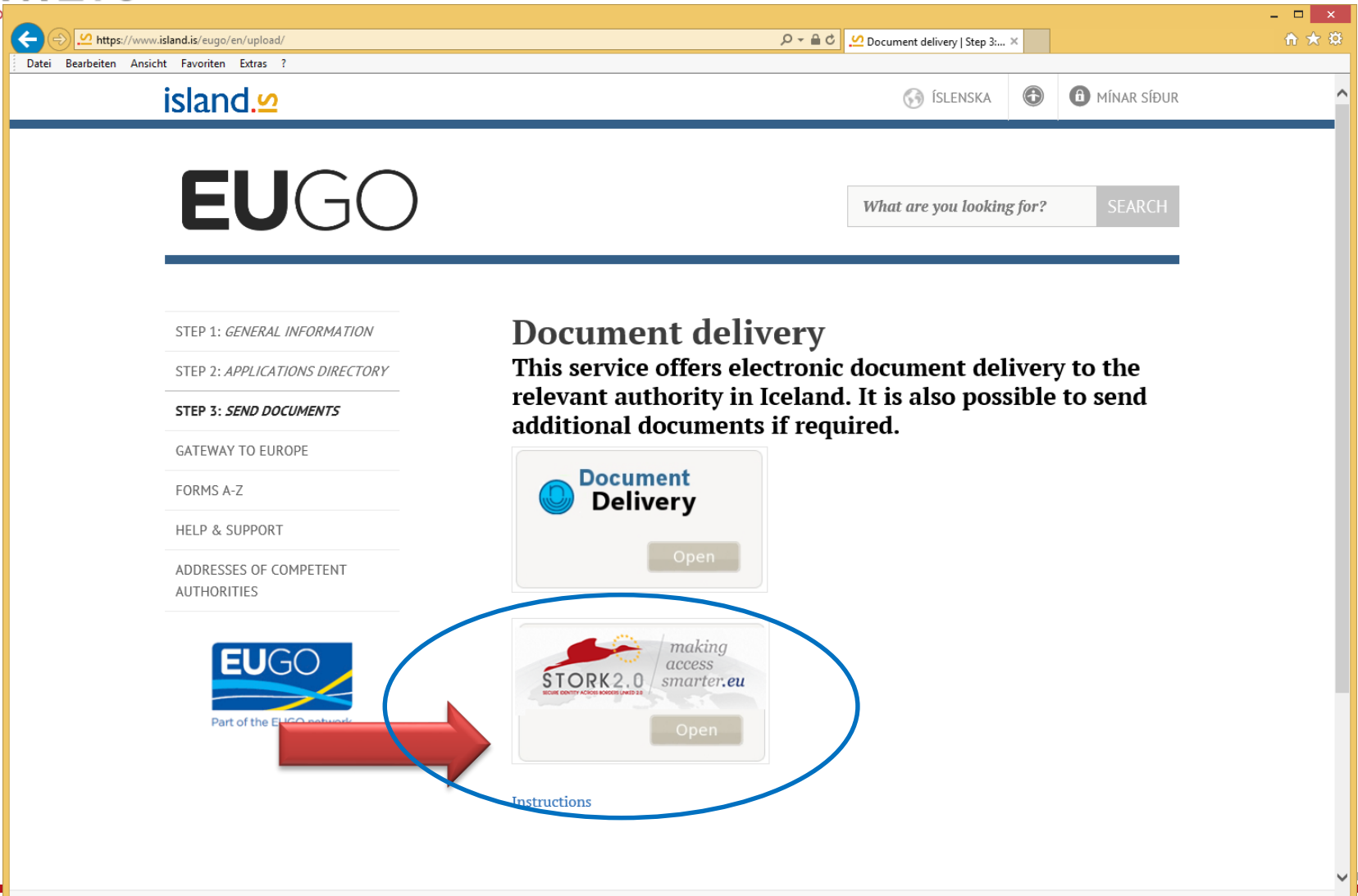
HELP & SUPPORT

ADDRESSES OF COMPETENT AUTHORITIES

<https://www.island.is/eugo/en/upload/>

Veljum að nota Stork auðkenningarleiðina

STORK DEMO



island.is

ÍSLENSKA MÍNAR SÍÐUR

EUGO

What are you looking for? SEARCH

STEP 1: GENERAL INFORMATION

STEP 2: APPLICATIONS DIRECTORY

STEP 3: SEND DOCUMENTS

GATEWAY TO EUROPE

FORMS A-Z

HELP & SUPPORT

ADDRESSES OF COMPETENT AUTHORITIES

Document delivery

This service offers electronic document delivery to the relevant authority in Iceland. It is also possible to send additional documents if required.

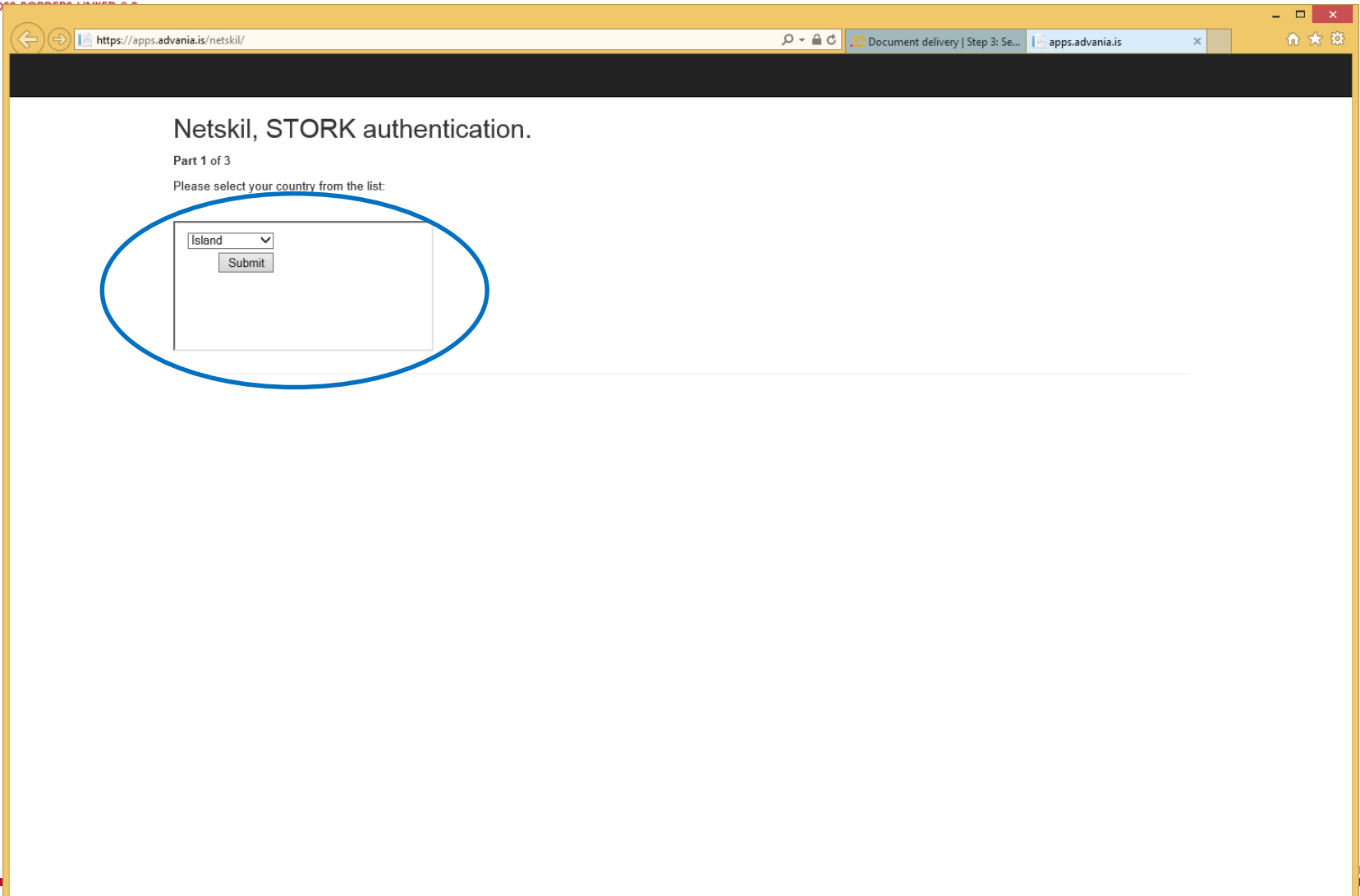
Document Delivery
Open

STORK 2.0
SECURE IDENTITY ACCESS BODIES LIMITED 2.0
making access smarter.eu
Open

Instructions

Veljum frá hvaðalandi við erum...

STORK DEMO



https://apps.advania.is/netskil/ Document delivery | Step 3: Se... apps.advania.is

Netskil, STORK authentication.

Part 1 of 3

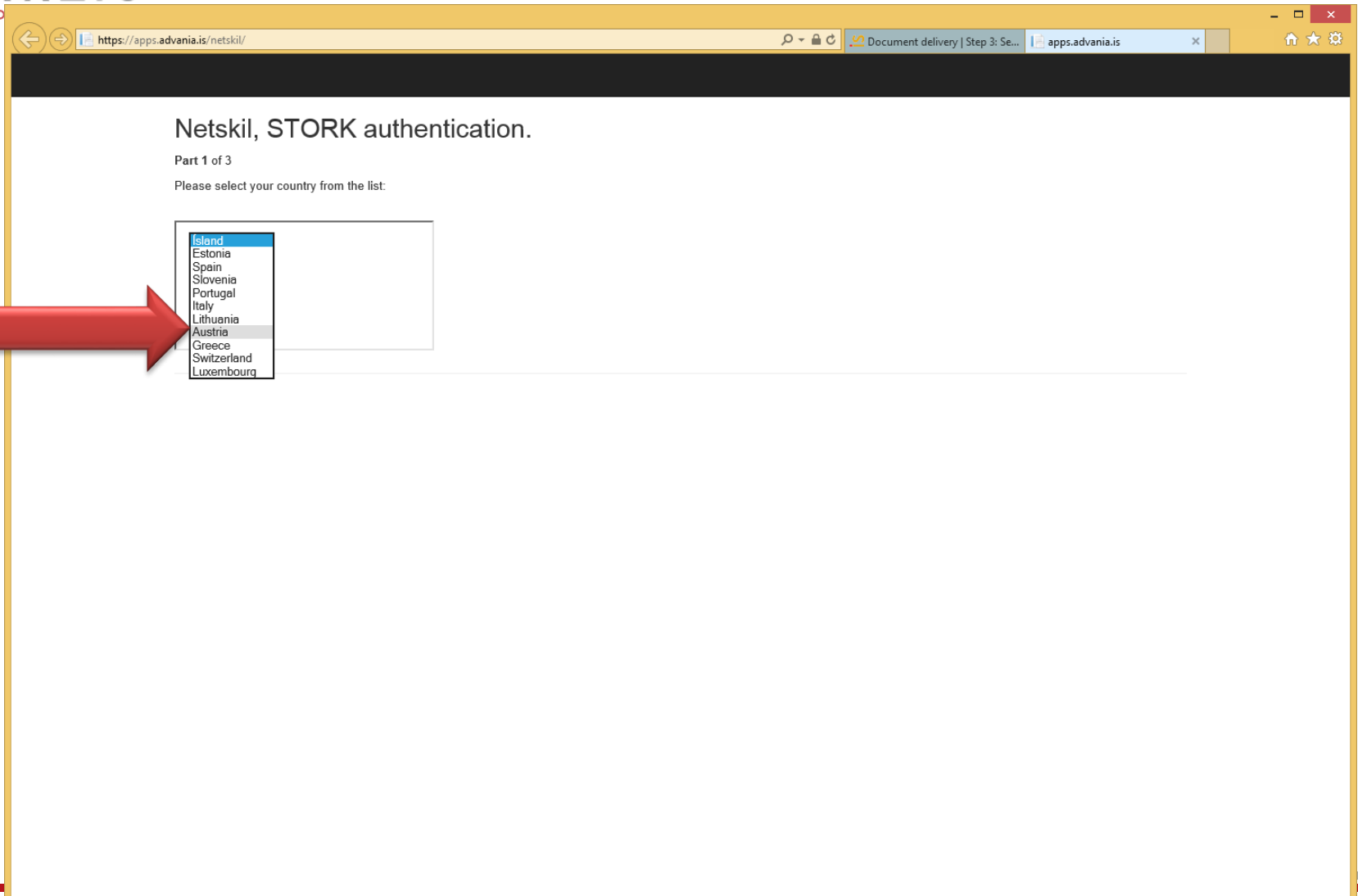
Please select your country from the list:

Island

Submit

... ef ég væri austurrískur ríkisborgari

STORK DEMO



https://apps.advania.is/netskil/

Document delivery | Step 3: Se... apps.advania.is

Netskil, STORK authentication.

Part 1 of 3

Please select your country from the list:

- Island
- Estonia
- Spain
- Slovenia
- Portugal
- Italy
- Lithuania
- Austria
- Greece
- Switzerland
- Luxembourg



https://v-idp.skyrr.is/moa-id-auth/stork2/SendPEPSAuthnRequest

Document delivery | Step 3: Se... Anmeldung mittels Bürgerk...

Anmeldung an: IS PROD PEPS

Login

in Vertretung anmelden

Karte HANDY

>lokale Bürgerkartenumgebung

W3C HTML5 W3C CSS

Ég ætla að nota austurísku símaskilríkin mín

STORK DEMO



https://v-idp.skyrr.is/moa-id-auth/stork2/SendPEPSAuthnRequest

Document delivery | Step 3: Se... Anmeldung mittels Bürgerk...

Anmeldung an: IS PROD PEPS

Login

in Vertretung anmelden

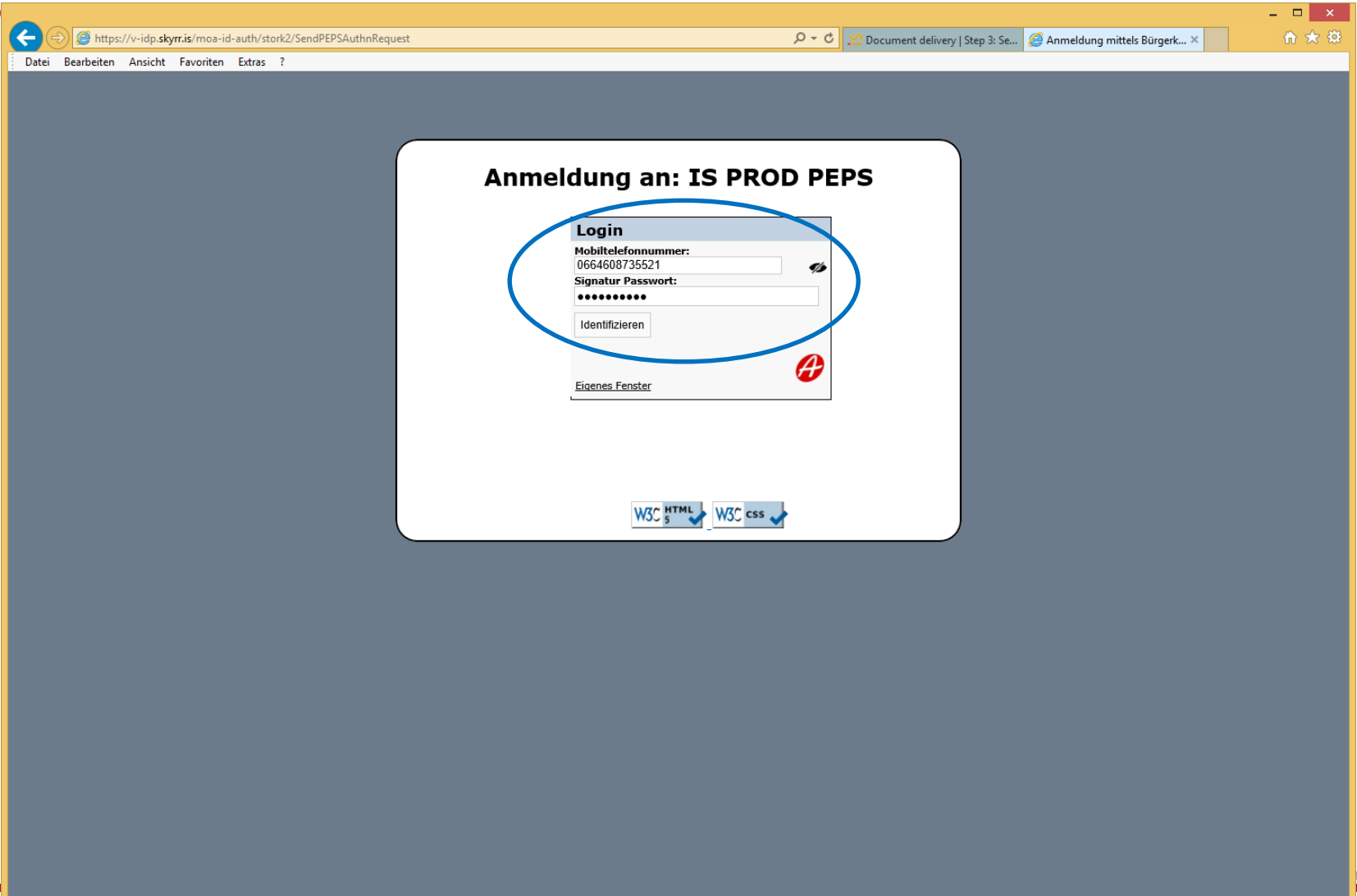
  **HANDY**

>lokale Bürgerkartenumgebung

W3C HTML 5 W3C CSS

Auðkenning heimalandsins fer fram...

STORK DEMO

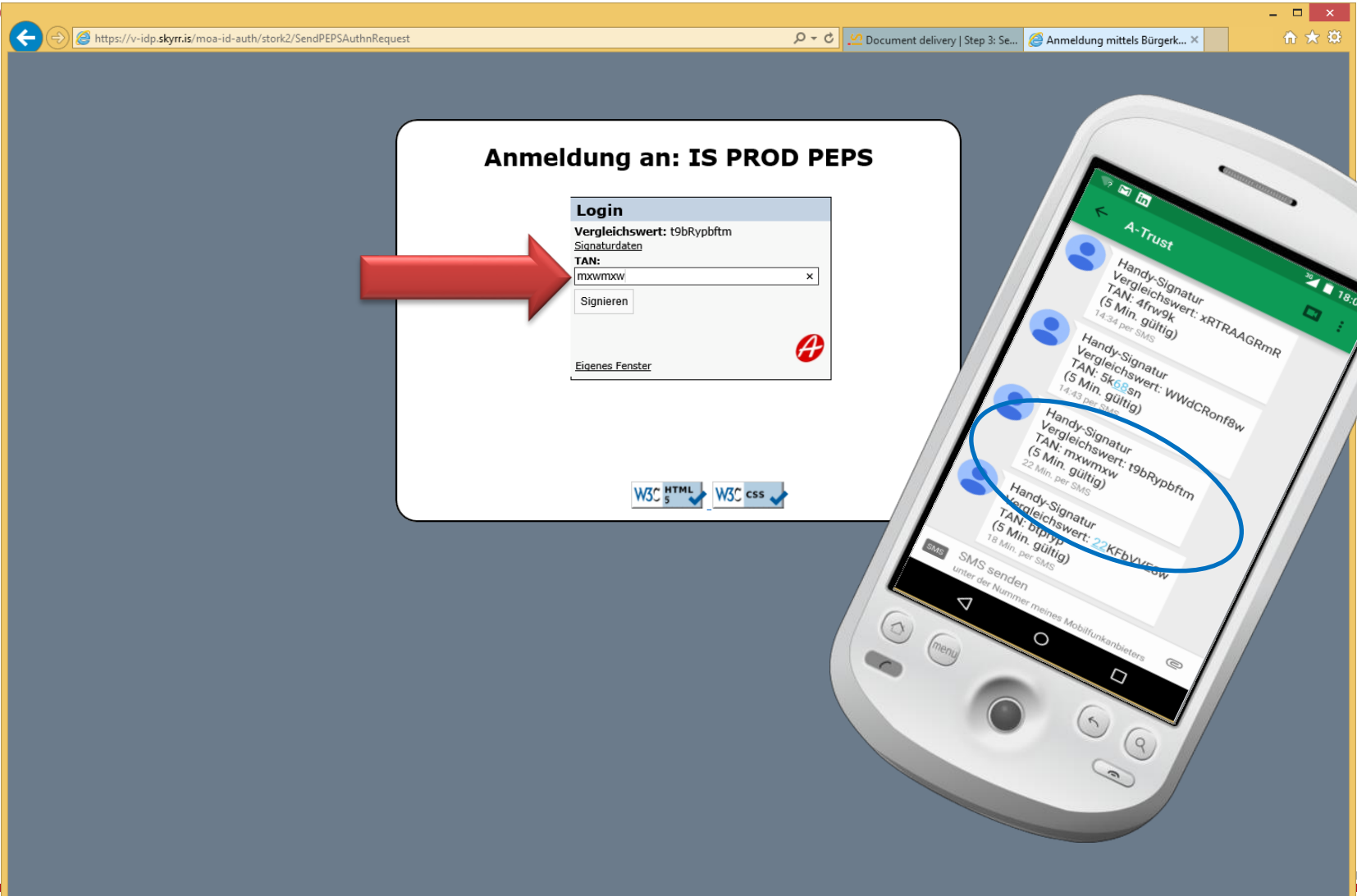


The screenshot shows a web browser window with the URL `https://v-idp.skyrr.is/moa-id-auth/stork2/SendPEPSAuthnRequest`. The page title is "Anmeldung an: IS PROD PEPS". The main content is a login form with the following elements:

- Login** (Section Header)
- Mobiltelefonnummer:** Input field containing "0664608735521".
- Signatur Passwort:** Input field with masked characters "••••••••".
- Identifizieren** (Submit Button)
- Eigenes Fenster** (Link)
- W3C HTML5** and **W3C CSS** logos.

... auðkenningf er fram

STORK DEMO



The screenshot shows a web browser window with the URL `https://v-idp.skyrr.is/moa-id-auth/stork2/SendPEPSAuthnRequest`. The page title is "Anmeldung an: IS PROD PEPS". The login form contains the following fields and buttons:

- Login** (Section Header)
- Vergleichswert: t9bRypbftm
- Signaturdaten
- TAN: mxwmxw
- Signieren
- Eigenes Fenster

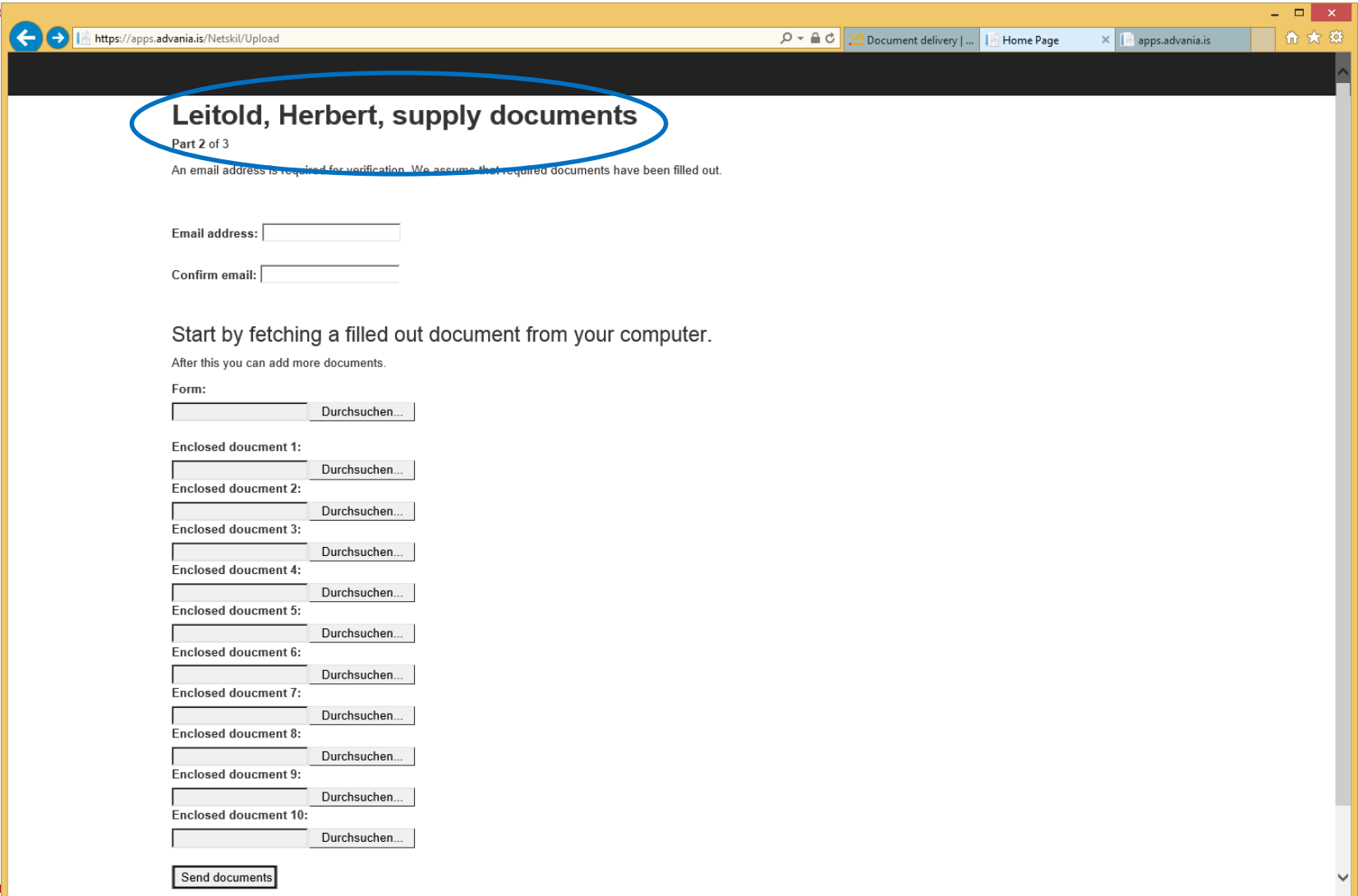
A red arrow points from the "Signieren" button to a mobile phone. The phone screen displays a list of SMS messages from "A-Trust" with the following details:

- Handy-Signatur Vergleichswert: xRTRAAGRmR (5 Min. gültig) 14:34 per SMS
- Handy-Signatur Vergleichswert: WWdCRonf8w (5 Min. gültig) 14:43 per SMS
- Handy-Signatur Vergleichswert: t9bRypbftm (5 Min. gültig) 22 Min. per SMS
- Handy-Signatur Vergleichswert: 22KFbVwvow (5 Min. gültig) 18 Min. per SMS

The SMS messages are circled in blue on the phone screen. At the bottom of the browser window, there are icons for W3C HTML5 and W3C CSS3.

Auðkenning tókst!

STORK DEMO



https://apps.advania.is/Netskil/Upload

Leitold, Herbert, supply documents

Part 2 of 3

An email address is required for verification. We assume that required documents have been filled out.

Email address:

Confirm email:

Start by fetching a filled out document from your computer.
After this you can add more documents.

Form:

Enclosed document 1:

Enclosed document 2:

Enclosed document 3:

Enclosed document 4:

Enclosed document 5:

Enclosed document 6:

Enclosed document 7:

Enclosed document 8:

Enclosed document 9:

Enclosed document 10:

Hlöðum upp útfyllta skjalinu...

STORK DEMO

Leitold, Herbert, supply documents

Part 2 of 3

An email address is required for verification. We assume that required documents have been filled out.

Email address:

Confirm email:

Start by fetching a filled out document from your computer.

After this you can add more documents.

Form:

Enclosed document 1:

Enclosed document 2:

Enclosed document 3:

Enclosed document 4:

Enclosed document 5:

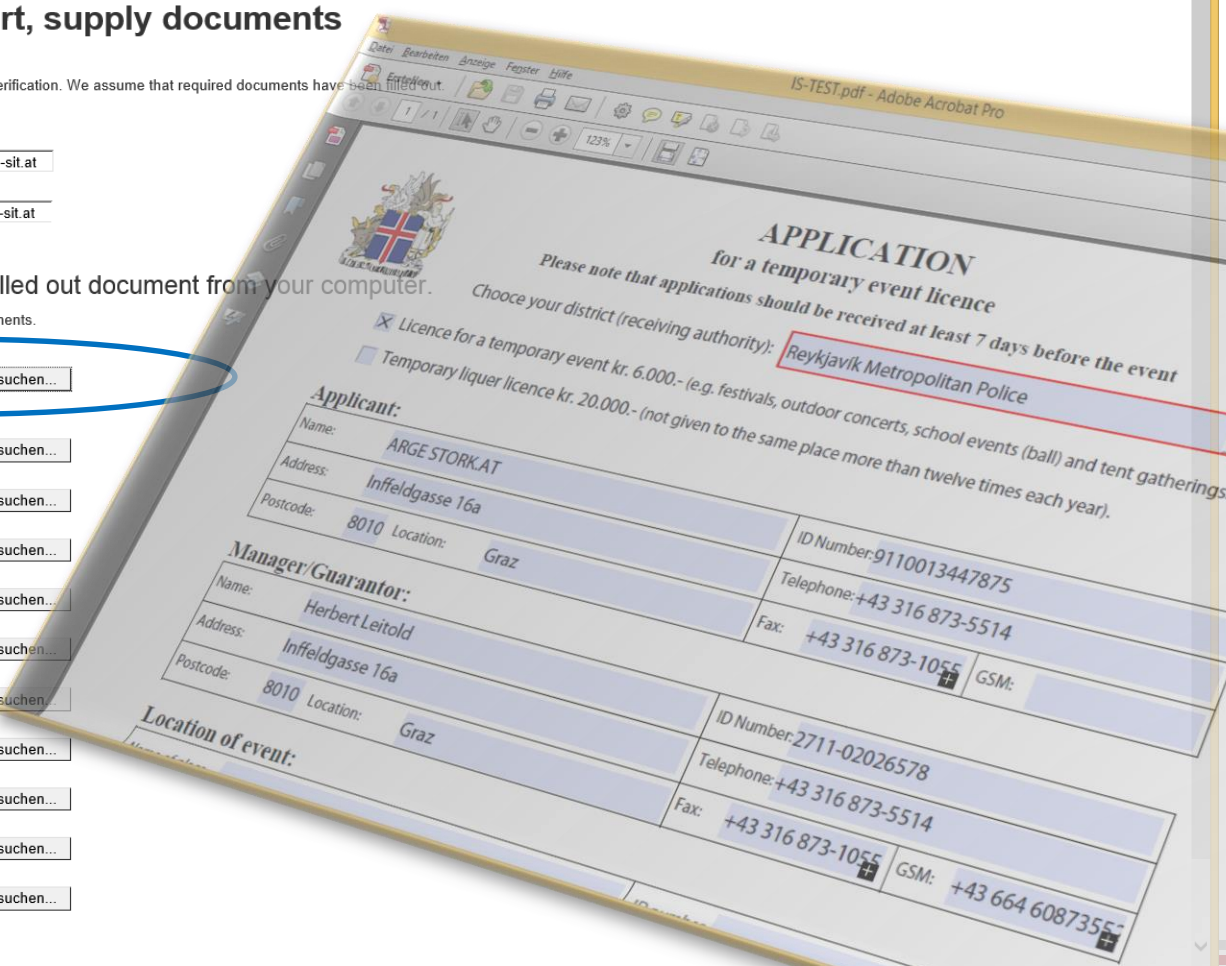
Enclosed document 6:

Enclosed document 7:

Enclosed document 8:

Enclosed document 9:

Enclosed document 10:



APPLICATION for a temporary event licence

Please note that applications should be received at least 7 days before the event

Choose your district (receiving authority): **Reykjavik Metropolitan Police**

Licence for a temporary event kr. 6.000.- (e.g. festivals, outdoor concerts, school events (ball) and tent gatherings).

Temporary liquor licence kr. 20.000.- (not given to the same place more than twelve times each year).

Applicant:

Name: ARGE STORK.AT
Address: Inffeldgasse 16a
Postcode: 8010 Location: Graz
ID Number: 9110013447875

Manager/Guarantor:

Name: Herbert Leitold
Address: Inffeldgasse 16a
Postcode: 8010 Location: Graz
Telephone: +43 316 873-5514
Fax: +43 316 873-1055
GSM: +43 664 6087355

Location of event:

ID Number: 2711-02026578
Telephone: +43 316 873-5514
Fax: +43 316 873-1055
GSM: +43 664 6087355

...bætum við fylgiskjölum og sendi

STORK DEMO

Leitold, Herbert, supply documents
Part 2 of 3
An email address is required for verification. We assume that required documents have been filed.

Email address:

Confirm email:

Start by fetching a filled out document from your computer.
After this you can add more documents.

Form:

Enclosed document 1:

Enclosed document 2:

Enclosed document 3:

Enclosed document 4:

Enclosed document 5:

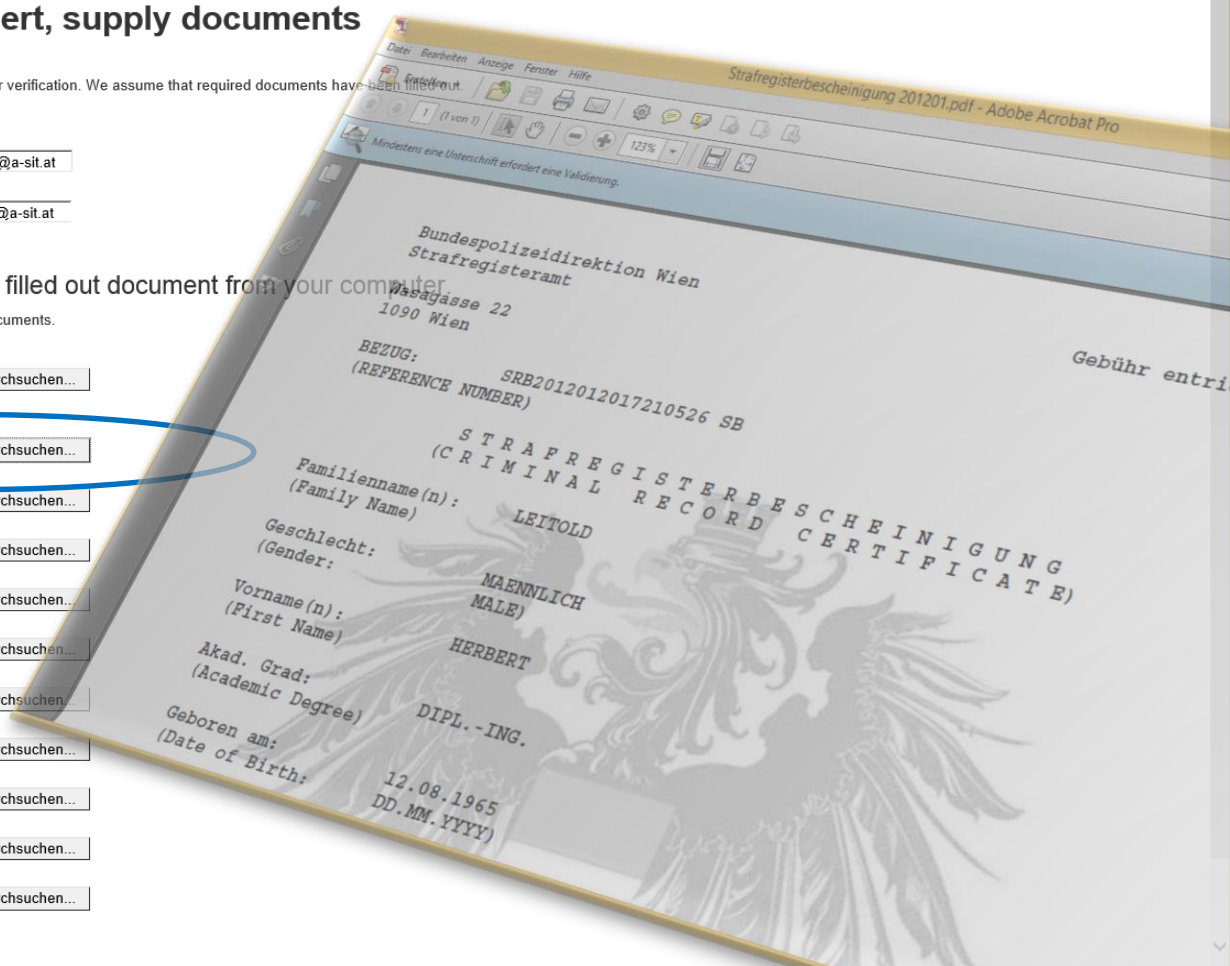
Enclosed document 6:

Enclosed document 7:

Enclosed document 8:

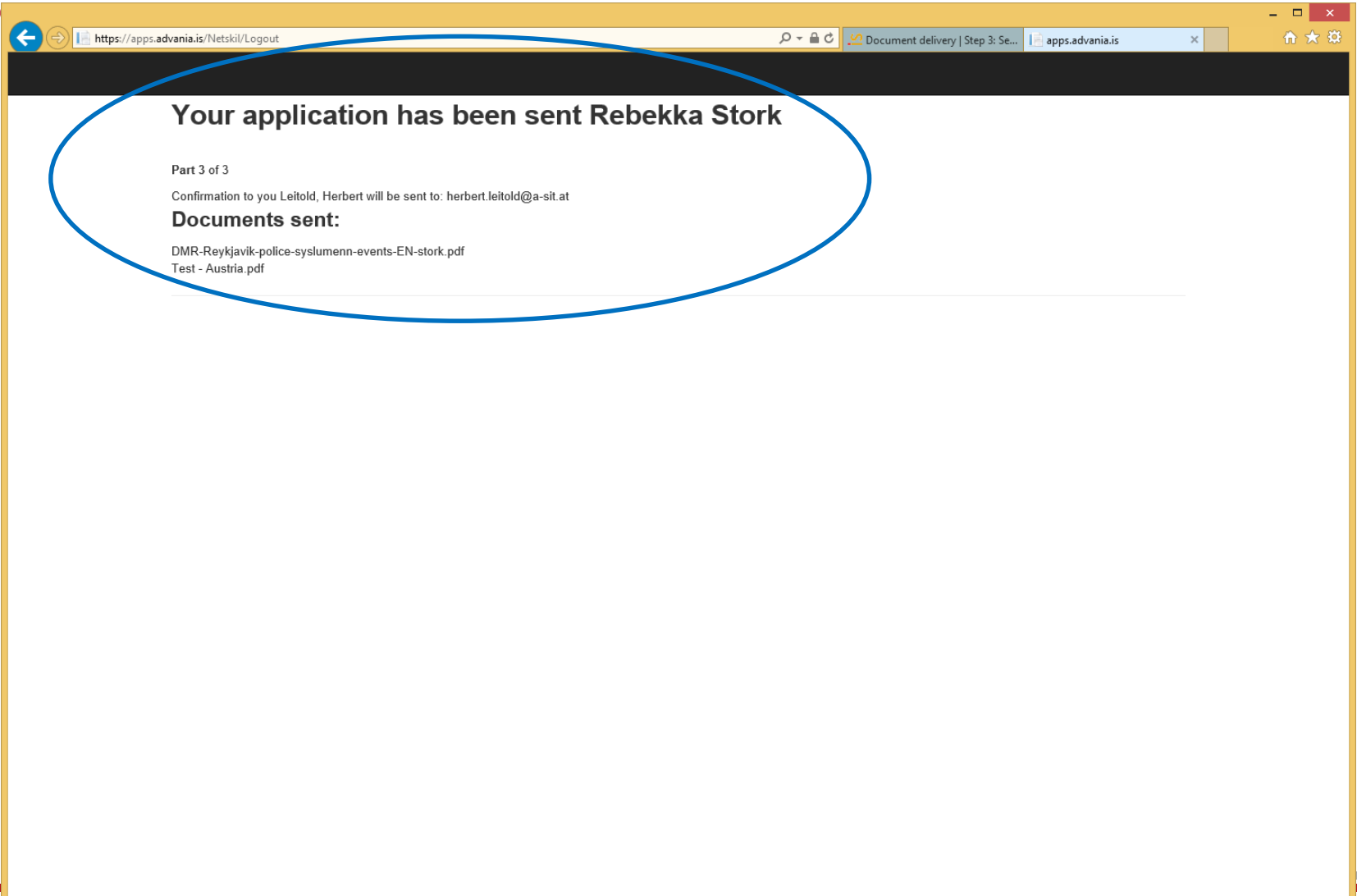
Enclosed document 9:

Enclosed document 10:



Staðfesting sendingar!

STORK DEMO



The screenshot shows a web browser window with the address bar displaying <https://apps.advania.is/Netskil/Logout>. The page content is as follows:

Your application has been sent Rebekka Stork

Part 3 of 3
Confirmation to you Leitold, Herbert will be sent to: herbert.leitold@a-sit.at

Documents sent:

- DMR-Reykjavik-police-syslumenn-events-EN-stork.pdf
- Test - Austria.pdf

Er þetta eitthvað fyrir þig? Hafðu þá samband

rrs@skra.is



Takk fyrir!