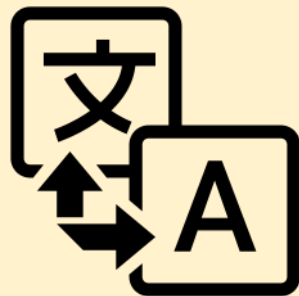# The CEF Automated Translation Platform

Vilmantas LIUBINAS, computational linguist
(DG Translation, European Commission)
24 June 2021

Connecting Europe Facility platform language tools

**Translation
(to 30 languages)**

**Speech-to-Text
(EN, FR, DE)**

Linguistic analysis of documents

-> Recognize specific categories of words (EN, DE)

-> Determine Eurovoc category

HTTPS://LANGUAGE-TOOLS.EC.EUROPA.EU

Connecting Europe
Language Tools

eTranslation	Multilingual Tweet	Speech-to-Text	Named-entity Recognition
iate European Union terminology Interactive Terminology for Europe	European Language Resource Coordination (ELRC)	Catalogue of services	CEF Building Block Information

WHO'S IT FOR?

ONE SYSTEM – TWO AUDIENCES

- Public administrations in Member States, Iceland and Norway
- Universities
- SMEs
- CEF digital service infrastructures

CEF eTranslation

- Translators and staff of the EU Institutions
- Digital services of the EU Institutions

DGT eTranslation

A BIT OF HISTORY

MT@EC
- Legalese
- Statistical MT

eTranslation
- Neural MT
- Domain adaptation
- Integration with online public services

CEF.AT
- More LT tools, not just translation
- Supporting actions for data collection – ELRC
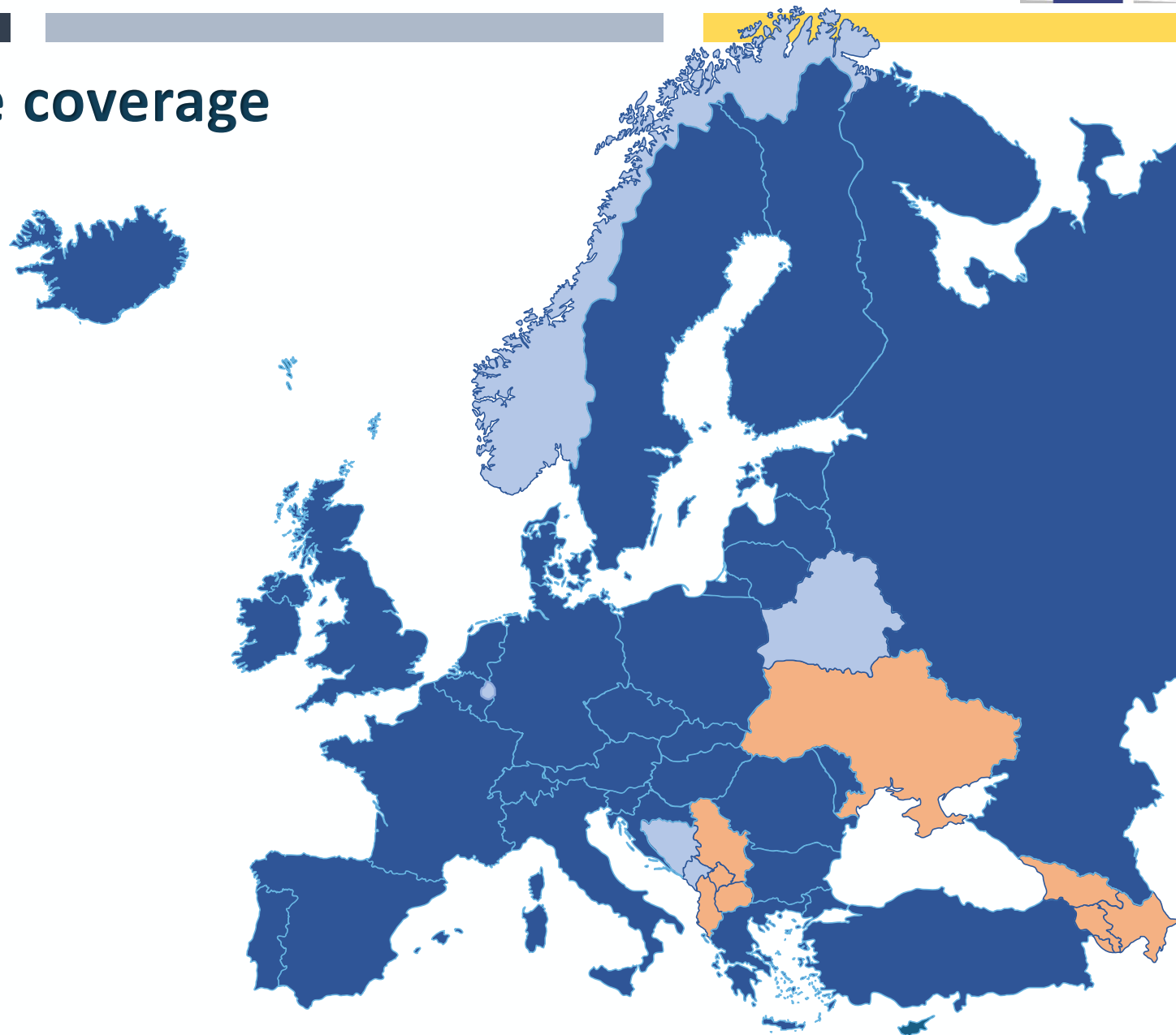- Supporting funded projects

eTranslation

eTranslation now available for English - Irish!

eTranslation language coverage

Fully covered

Partially covered

Not covered

+ 3 non-European languages:
Mandarin Chinese,
Japanese,
Arabic

eTranslation translation volume

70 mio
total eTranslation output in **2020**

100 mio
total eTranslation output in **1st half 2021**

2.2 mio
pages of DGT human translation

4.8 mio
additional machine translation pages for the Commission

European Language Resource Coordination
Connecting Europe Facility

Connecting Europe
eTranslation

About | Help | Liability and data privacy

Translate text | Translate documents | My translation requests

My settings | English ∨ | Logout

The morning came, and then the evening came. We still slept as half-dead.

An mhaidin a tháinig, agus ansin tháinig an tráthnóna. Chodail muid fós mar leath-marbh.

73 / 2500 🗑

☆ ☆ ☆ ☆ ☆

🖶 📋

From | English ∨ | 🌐 | **To** | Irish ∨

— Advanced options

Domain ⓘ | General Text ∨

☐ E-mail me my translation

Translate text

Connecting Europe Facility Language | **Related sites**

eTranslation: two main translation domains:

⭐ **EU Formal**: built using translations of EU documents – best for formal documents and texts related to EU policies

⭐ **General Text**: built using a wider scope of documents – best for informal documents and non-EU related texts

Connecting Europe
eTranslation

| Translate text | **Translate documents** | My translation requests | My settings | English ⌄ | Logout |

Bulgarian act 1.docx
12.5 KB 🗑

Bulgarian act 2.docx
12.5 KB 🗑

Bulgarian Annex.xlsx
12.5 KB 🗑

Supported formats: 📄 📊 📑 📕 ⬦ 📄 ⬛

From *   Bulgarian ⌄

To *   Irish ✖   ▾

➖ Advanced options

Domain ℹ   EU Formal Language ⌄

Output format | Same as source | TMX | XLIFF | QE (Beta) |

☑ E-mail me my translation
☐ Delete after download.

Translate document

Connecting Europe
eTranslation

| Téacs a aistriú | Doiciméid a aistriú | Mo chuid aistriúchán | | Mo chuid socruithe | Gaeilge ⌄ | Logáil amach |

Bulgarian act 1.docx
12.5 KB 🗑

Bulgarian act 2.docx
12.5 KB 🗑

Bulgarian Annex.xlsx
12.5 KB 🗑

Formáidí a nglactar leo: 📄 📊 📑 🅰 😊 📄 ⬛

Ó * | An Bhulgáiris ⌄

Go * | Tá 23 dteanga as 30 roghnaithe ✖ ▲

☑ An Araibis   ☑ An Béarla   ☐ An Chróitis   ☐ An Danmhairgis
☑ An Eastóinis   ☑ An Fhionlainnis ☑ An Fhraincis   ☑ An Ghaeilge
☑ An Ghearmáinis   ☑ An Ghréigis   ☑ An Iodáilis   ☑ An Iorua
☑ An Íoslainn   ☐ An Laitvis   ☐ An Liotuáinis   ☑ An Mháltais
☑ An Ollainnis   ☑ An Pholainnis   ☑ An Phortaingéilis ☑ An Rómáinis
☑ An Rúisis   ☑ An Seapáinis   ☑ An Sínis (simpli… ☑ An Spáinnis
☑ An tSeicis   ☐ An tSlóivéinis   ☑ An tSlóvaicis   ☑ An tSualainnis

➖ Ardroghanna

Réimse ℹ

Formáid an aschuir

☑ Seol an t-aistriúchán ch
☐ Scrios ón bhfreastalaí é

Aistrigh an doiciméad

Connecting Europe
eTranslation

Téacs a aistriú | **Doiciméid a aistriú** | Mo chuid aistriúchán

Mo chuid socruithe | Gaeilge ▼ | Logáil amach

Bulgarian act 1.docx	Bulgarian act 2.docx	Bulgarian Annex.xlsx
12.5 KB 🗑	**12.5** KB 🗑	**12.5** KB 🗑

Formáidí a nglactar leo: 📄 📊 📑 🅰 ⬤ 📄 ⬛

Ó * | An Bhulgáiris ▼

Go * | Tá 23 dteanga as 30 roghnaithe ✖ | ▼

— **Ardroghanna**

Réimse ℹ | EU Formal Language ▼

Formáid an aschuir | Mar an gcéanna leis an bhfoinse | TMX | XLIFF | QE (Beta)

☑ Seol an t-aistriúchán chugam i ríomhphost.
☐ Scrios ón bhfreastalaí é tar éis a íoslódála.

Aistrigh an doiciméad

Translate text | **Translate documents** | My translation requests | My settings | English ∨ | Logout

Supported formats:

File | Home | Review | Advanced | View | Add-Ins | Help

Sign In

Project Settings | Cut | Copy | Paste | Batch Tasks | Clear Formatting | Concordance Search | Select Previous Match | Select Next Match | Apply Translation | Show Translations | Add New Term | Quick Add New Term | Confirm | Copy Source to Target | Copy All Source to Target | Clear Target Segment | Merge Segments | Split Segments | Change Segment Status | Go To

Configur... | Clipboa... | File Acti... | Formatting | QuickInsert | Translation Memory | Terminology | Segment Actions | Navig...

Editor

European Com
Competition Poli

Termbase Viewer

Translation Results - Competition Policy supporting the Green Deal_GA_en-GB_ga-IE

Project Settings

Competition Policy supporting the Green Deal

| 1 | Competition Policy supporting the Green Deal | AT | Beartas Iomaíochta ag tacú leis an Déileáil Ghlas |

Competition Policy supporting the Green Deal_GA_en-GB_ga-IE | 22-06-2021 13:08:58 | MT!

Translation Results - Competition Poli... | Fragment Matches - Competition Poli... | Concordance Search | Comments | TQAs (0) | Messages

Term Recognition

No open termbase.

Term Recognition | Termbase Search

European Commission promoting sustainability.txt.sdlxliff [Translation] | Competition Policy supporting the Green Deal.docx.sdlxliff [Translation]

Competition Policy supporting the Green Deal.docx | Competition Policy supporting the Green Deal.docx

1	Competition Policy supporting the Green Deal	AT	Beartas Iomaíochta ag tacú leis an Déileáil Ghlas	P
2	Call for contributions	AT	Glao ar ranníocaíochtaí	P
3	Introduction	AT	Réamhrá	P
4	The European Green Deal aims to transform the EU into a fair and prosperous society, with a modern,	AT	Is é is aidhm do Mhargadh Glas na hEorpa an tAontas Eorpach a iompú ina shochaí chothrom, rathúil, le nua-aimseartha,	P
5	resource-efficient and competitive economy.	AT	geilleagar atá tíosach ar acmhainní agus iomaíoch.	P
6	The goal is for Europe to be the first climate neutral	AT	Is é is cuspóir don Eoraip a bheith ar an gcéad neodrach ó thaobh na haeráide de	P
7	continent by 2050, where economic growth is decoupled from resource use.	AT	mór-roinn faoi 2050, áit a bhfuil an fás eacnamaíoch díchúpláilte ó úsáid acmhainní.	P
8	The coronavirus pandemic	AT	Paindéim choronavirus	P
9	makes those ambitions even more relevant.	AT	tá na huaillmhianta sin níos ábhartha fós.	P
10	The European Commission has put forward a major	AT	Tá an Coimisiún Eorpach tar éis mórbheart a chur ar aghaidh	P
11	recovery plan for Europe to help repair the economic and social damage brought by the pandemic and	AT	plean téarnaimh don Eoraip chun cuidiú leis an damáiste eacnamaíoch agus sóisialta a rinne an paindéim agus	P
12	to kick-start the European recovery in line with the twin green and digital transition goals.	AT	tús a chur leis an téarnamh Eorpach i gcomhréir le spriocanna aistrithe dhá ghlas agus dhigiteacha.	P
13	As Executive Vice President Vestager has underlined:	AT	Mar Leas-Uachtarán Feidhmiúcháin, chuir Vestager béim ar an méid	

Welcome
Projects
Files
Reports
Editor
Translation M...
Search in sdlxl...

All segments | INS | 0.00% | 100.00% | 0.00% | Chars: 49 | 0/2508

Connecting Europe
eTranslation

| Translate text | Translate documents | **My translation requests** | | My settings | English ⌄ | Logout |

ℹ Documents are available for download for 24 hours

☐	Translated file	Status	Message	Document format	Target format	Source language	Target language
	Rapport de mission_FR.docx	Ongoing		docx	docx	English	French
	Another document in Bulgarian_FR.d...	Ongoing		docx	docx	English	French
	Document in Bulgarian_FR.docx	Ongoing		docx	docx	English	French
☐	PMO-2020-00018-00-00-PT-ORI-00_FR...	Translated		pdf	docx	Portuguese	French
☑	PMO-2020-00018-00-00-PT-PRT-00_FR....	Translated		rtf	rtf	Portuguese	French

(1 - 5 / 5)

Download

eTranslation

CEF eTranslation webservice – "Machine to machine"

<text-to-translate>**Hello World!**</text-to-translate>

<source-language>**EN**</source-language>
<target-language>**GA**</target-language>

<domain>**GEN**</domain>
<email-destination>**firstname.lastname@ucd.ie**</email-destination>

Client application in Dublin

CEF eTranslation webservice

<target-language>**GA**</target-language>
<translated-text>**Dia dhuit domhan!**</translated-text>

WHAT ABOUT THE TRANSLATION QUALITY?

Most challenging areas:

- Creative texts
- Rare words
- Long sentences (100+ words)
- Individual words or phrases that depend on the context

What does translation engine take into account while translating?

Previous knowledge:	✅ ❌	EN: The Winter war was harsher than the Cold War. DE: Der Winterkrieg war härter als der Kalte Krieg. (not "Winter Krieg") EN: Sun is a lovely dog. FR: Le soleil est un beau chien. (Sun est un beau chien)
Document context:	❌	EN: …a careful approach towards the control of ISA is needed. FR: …une approche prudente du contrôle de l'ISA est nécessaire. (l'AIS - l'anémie infectieuse du saumon)
Paragraph context:	❌	EN: …proof that a person has either: • been vaccinated…; • recovered from COVID-19 ES: …proporciona pruebas de que una persona tiene: • vacunados contra COVID-19; (ha sido vacunada) • recuperado de COVID-19. (se ha recuperado)
Sentence itself:	✅	EN: Recovery did not take long for Thomas. FR: La reprise n'a pas pris de temps pour Thomas. EN: Recovery did not take long for creditors. FR: Le recouvrement n'a pas pris de temps pour les créanciers.

OTHER LANGUAGE TECHNOLOGY SERVICES

eTranslation multilingual tweet

I'm sending a message from Amsterdam.

37 / 200 🗑

From [English ▾]

To [French, German, Greek(+16 others) ▾]

[Translate text]

J'envoie un message d'Amsterdam.

English - French   85 / 280 🗑

Ich schicke eine Nachricht aus Amsterdam.

English - German   89 / 280 🗑

Στέλνω ένα μήνυμα από το Άμστερνταμ.

English - Greek   92 / 280 🗑

Tá teachtaireacht á seoladh agam ó Amstardam.

English - Irish   104 / 280 🗑
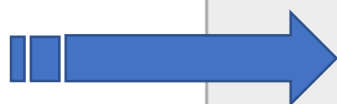
Sto mandando un messaggio da Amsterdam.

English - Italian   91 / 280 🗑

Speech-to-Text service

Speech-to-Text service

Speech-to-Text service

A teenage girl who donated her hair to a cancer charity found out a year later she has cancer herself. **Kiya**, 15, **sat** a GCSE exam on the same day she was diagnosed with stage four Hodgkin's lymphoma after discovering a lump in her neck. Twelve months after donating her hair to the Little Princess Trust, a charity that provides wigs to children with cancer, Kiya, from New Lubbesthorpe in **Leicestershire**, received her own wig from the charity following chemotherapy treatment. She's now raising money for them and other cancer charities and has had some famous supporters. Scotland captain and Liverpool **left-back** Andy Robertson told Kiya in a message: "It's so important for you to keep strong and keep fighting. You'll never walk alone.

A teenage girl who donated her hair to **a** cancer charity found out**. A** year later she has cancer herself. **Kia**, 15 years old girl, **said** at GCSE exam on the same day she was diagnosed with stage four Hodgkin's lymphoma after discovering a lump in her neck**.** 12 months after donating her hair to the Little Princess Trust, a charity that provides wigs to children with cancer. Kia from new Lubbesthorpe in **life. Chester Shire** received her own wig from the charity following chemotherapy treatment. She's now raising money for them and other cancer charities and has had some famous supporters**,** Scotland captain and Liverpool **left back.** Andy Robertson told Kia in a message. It's so important for you to keep strong and keep fighting. You'll never walk alone.
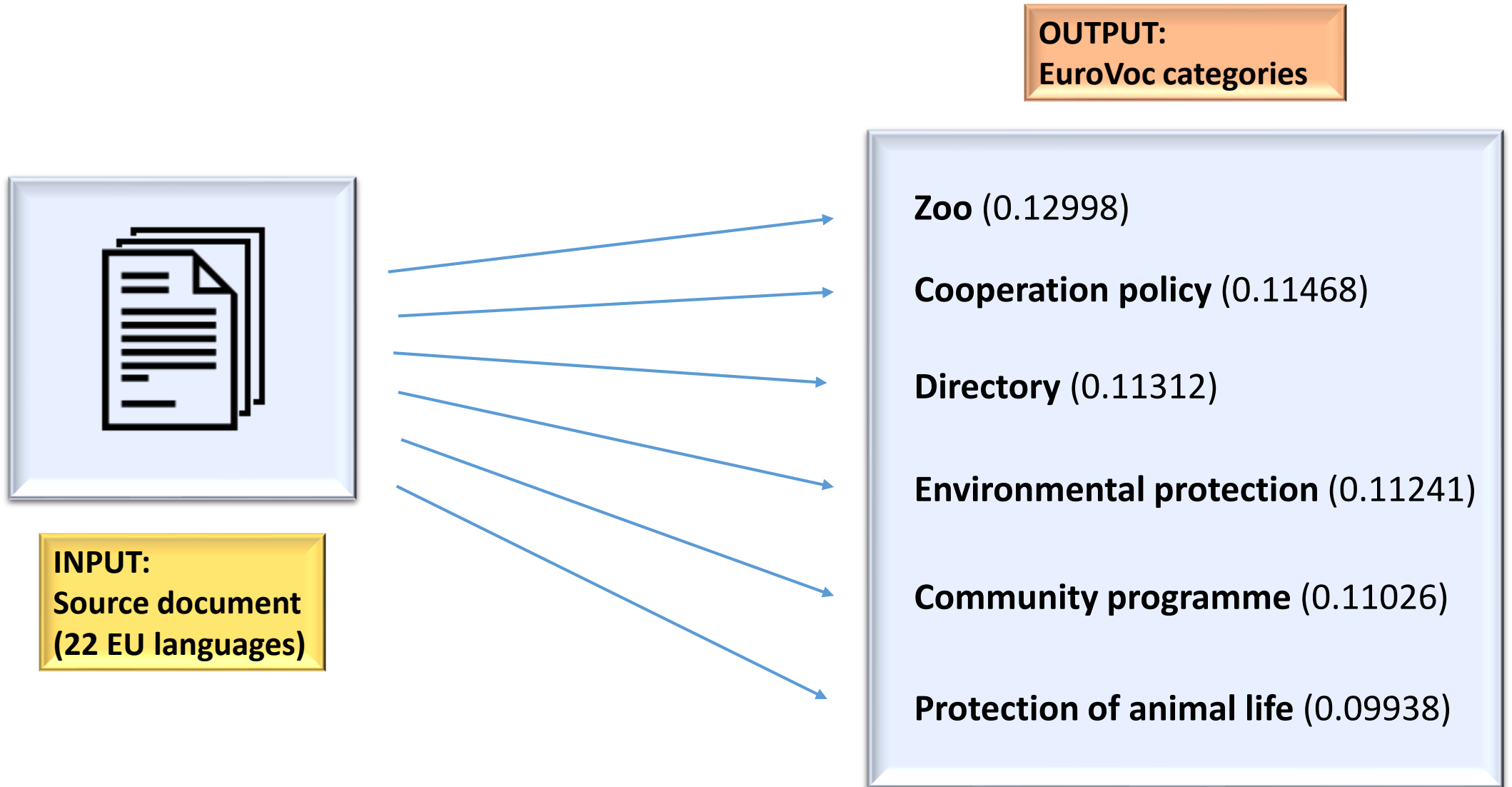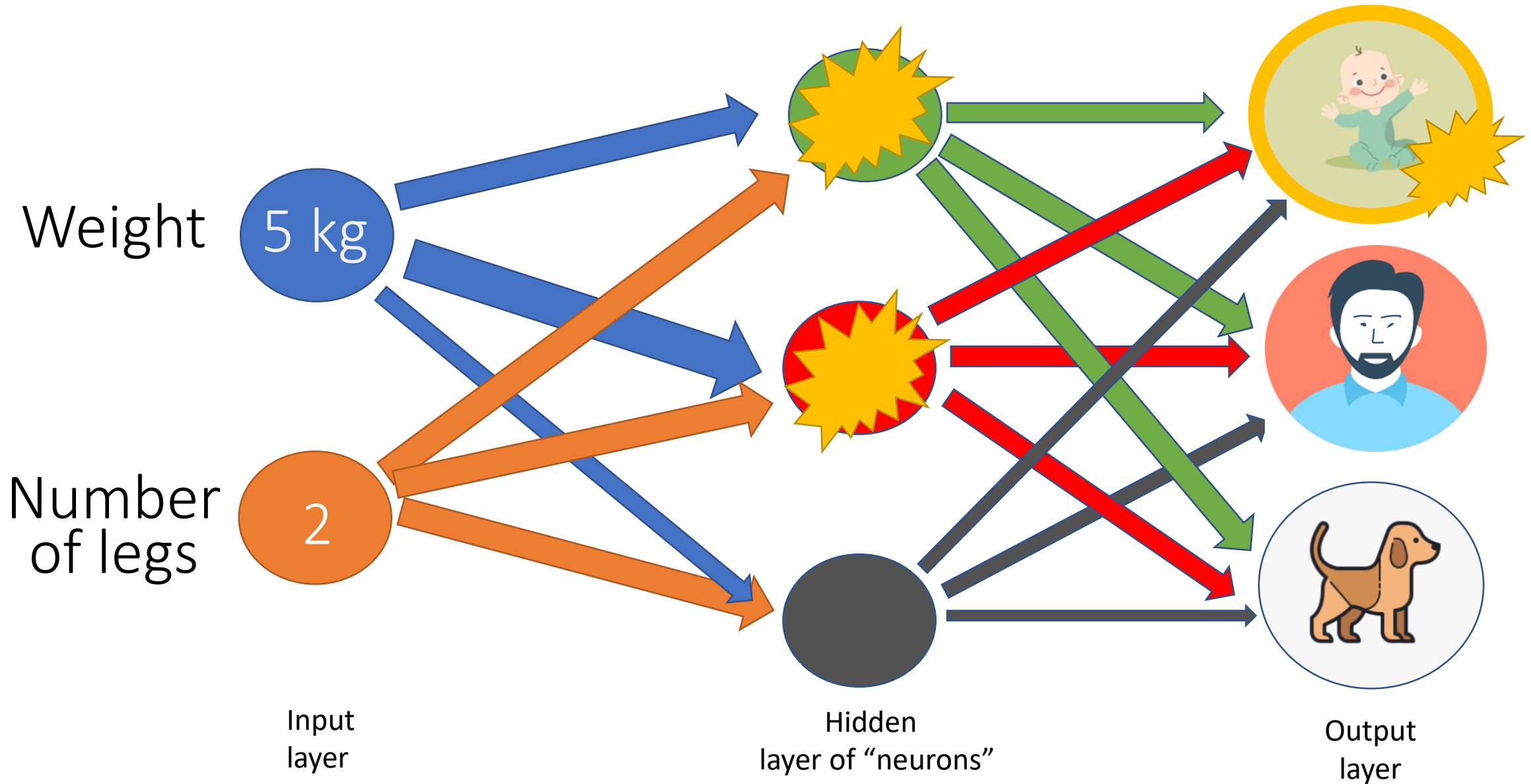
HOW IS THAT POSSIBLE?

TWO COMPONENTS OF THE MAGIC POTION

The simplest "trained" neural network in action

Weight — 5 kg

Number of legs — 2

Input layer

Hidden layer of "neurons"

Output layer

The simplest "trained" neural network in action

Weight 60 kg

Number of legs 2

Input layer

Hidden layer of "neurons"

Output layer
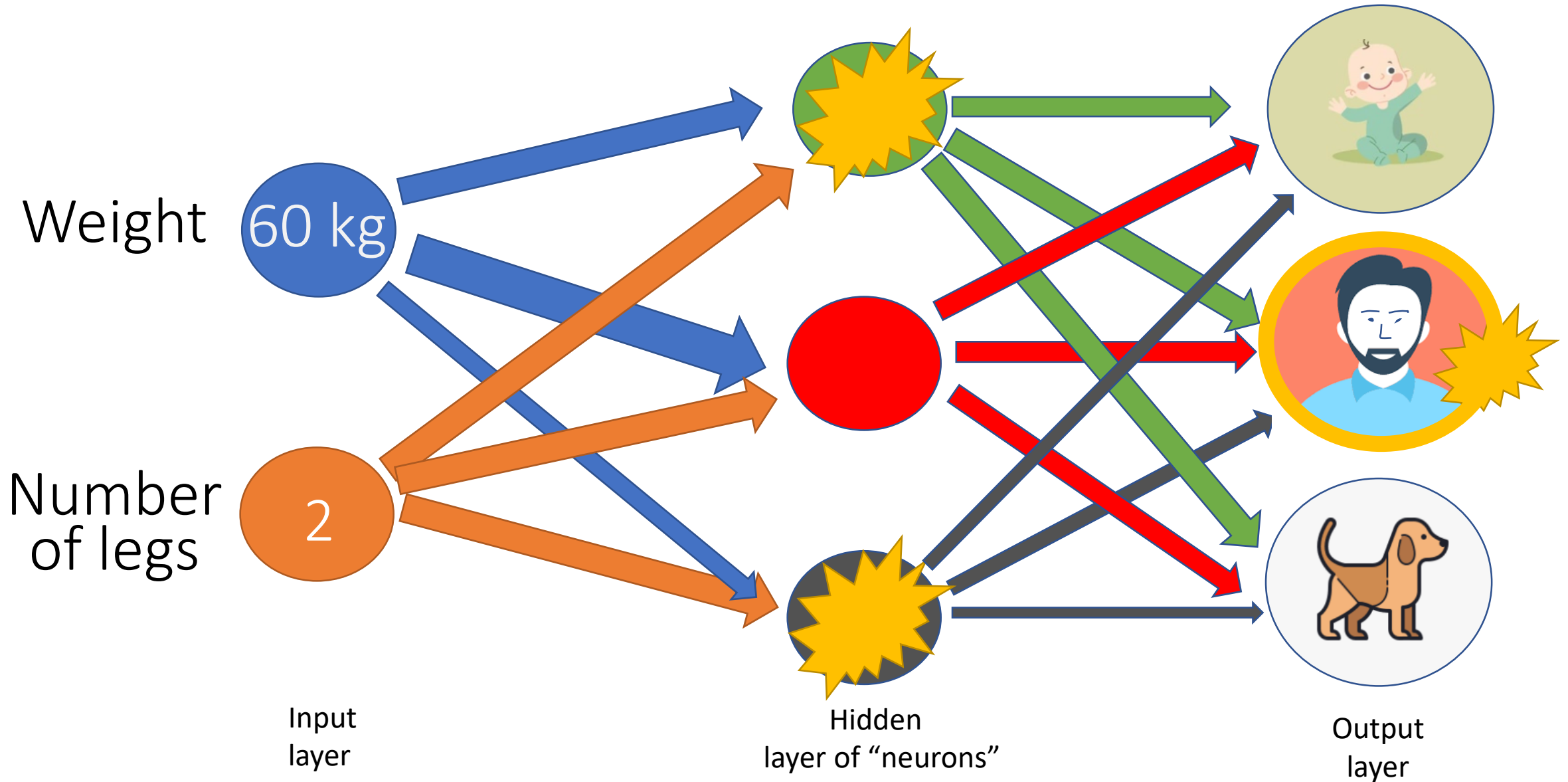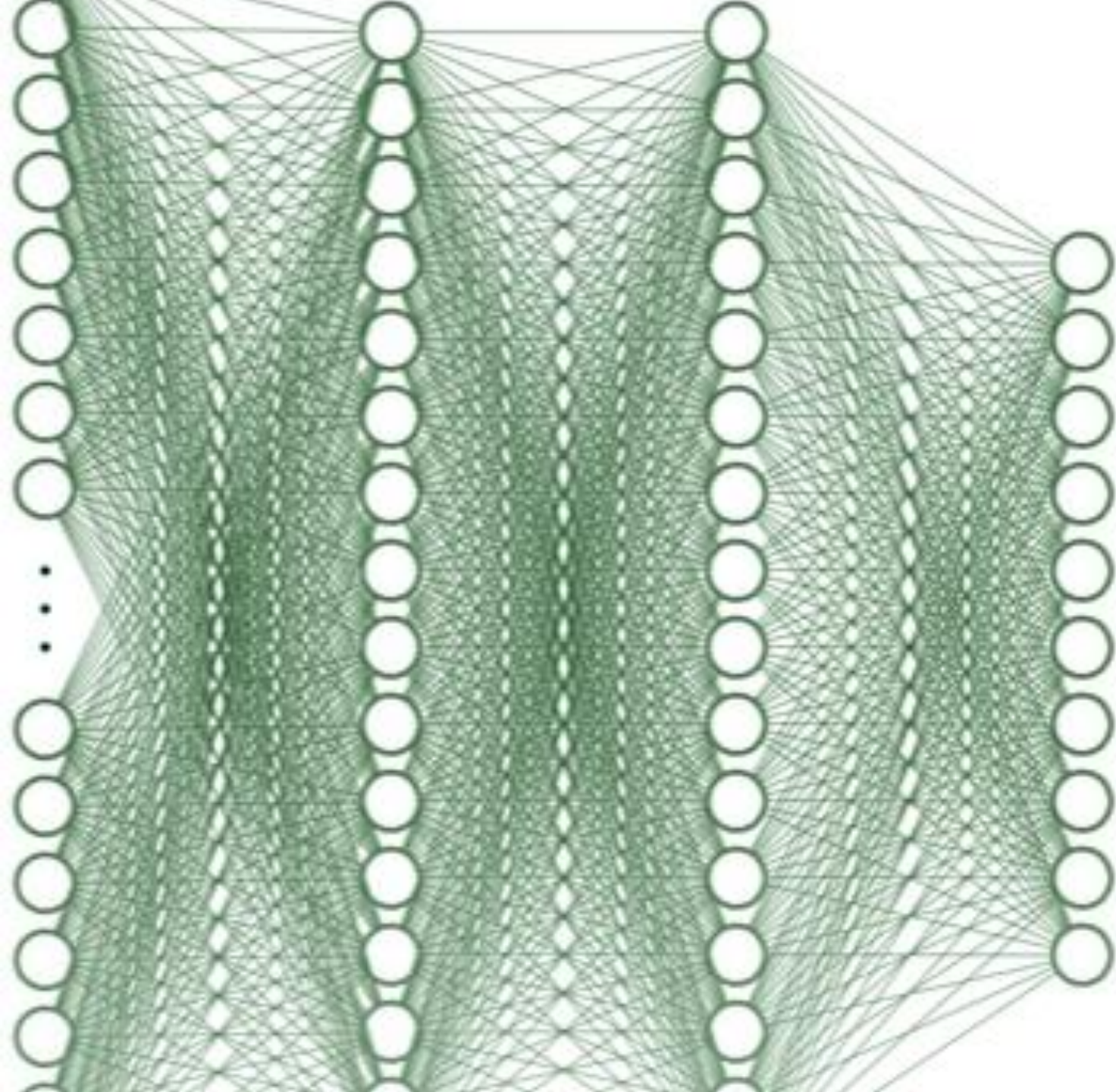
In reality
neural networks
can have
thousands of neurons

A neural network needs to be trained first
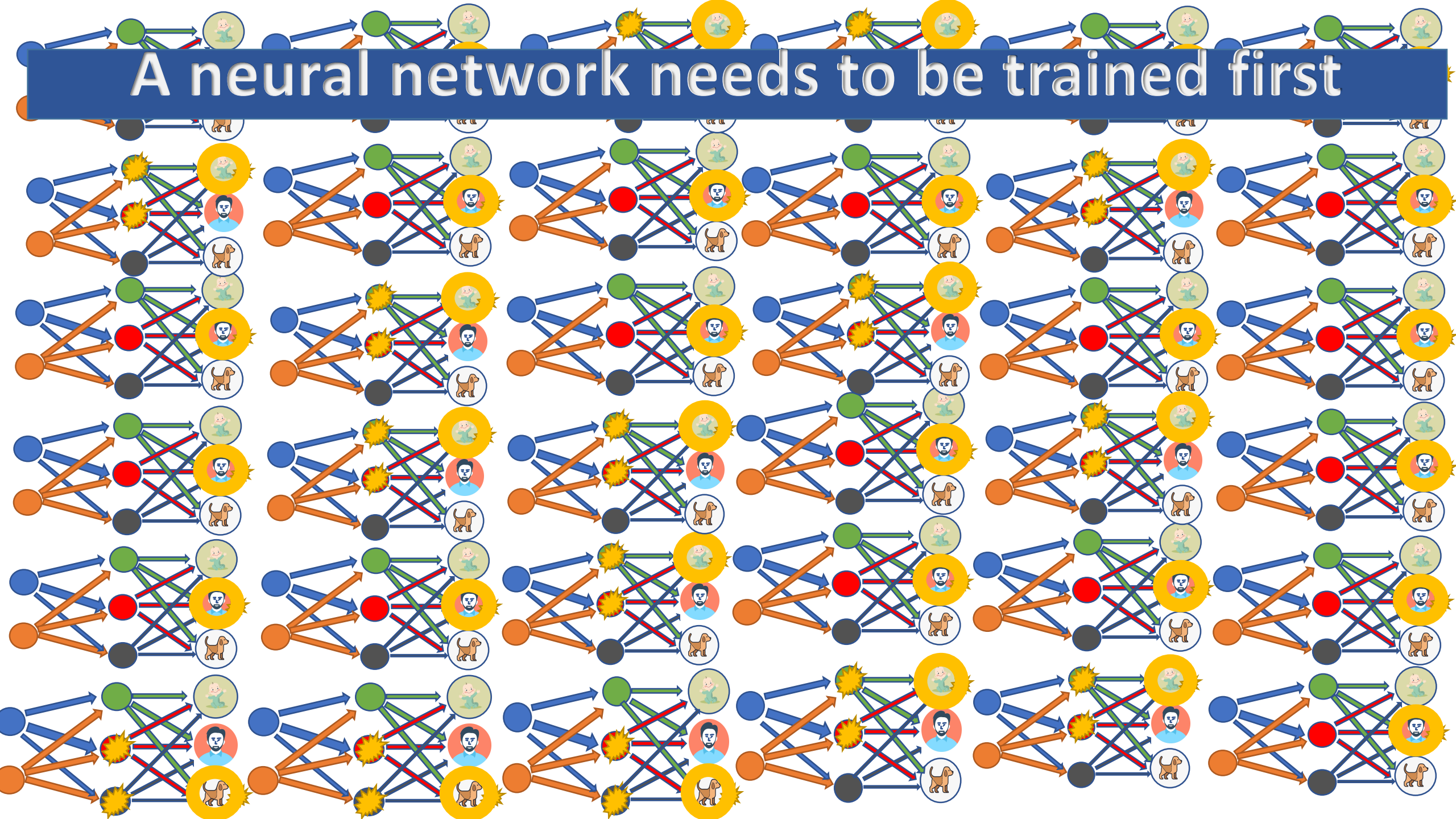
THE NEURAL TRANSLATION ENGINE

- Its training lasts several days

- Two separate translation engines for
each language pair are trained:
    English -> Irish

    Irish -> English

- 254 new or upgraded engines in 2020

- Needs massive amounts of DATA!!!
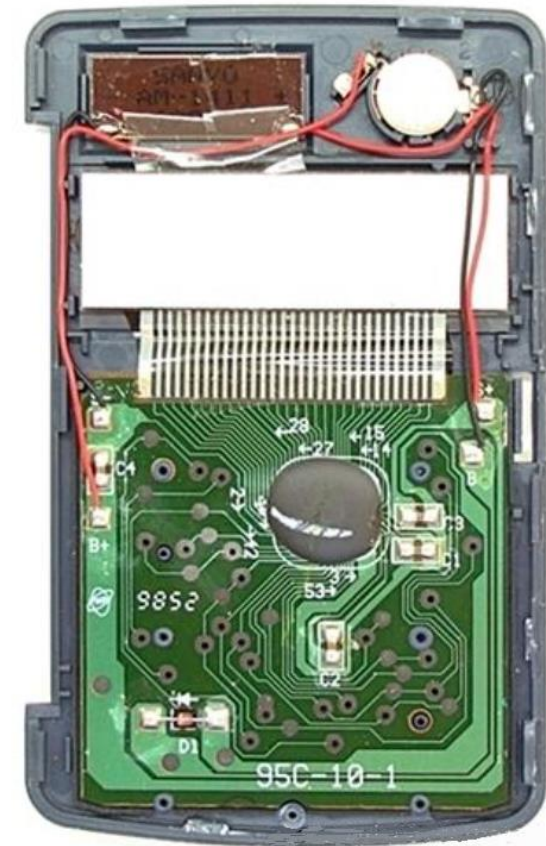
Connecting Europe Facility platform language tools
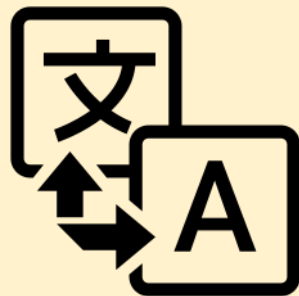
Translation
(to 30 languages)

Speech-to-Text
(EN, FR, DE)

Linguistic analysis of documents

-> Recognize specific categories of words (EN, DE)

-> Determine Eurovoc category

Connecting Europe Facility platform language tools

Translation
(to 30 languages)

from
20 000 000
of bilingual
sentence pairs
needed

Speech-to-Text
(EN, FR, DE)

from
1000 hours
of transcribed
audio records
needed

Linguistic
analysis of
documents

Recognize
specific
categories
words
-> Determine
Eurovoc
category

from
30 000
documents
with assigned
categories
needed

It all
starts here:

Tosaíonn sé ar
fad anseo:

2 200 000 pages in 2020

EURAMIS

**Directorate-General
for Translation**

ELRC and other
external data
sources

eTranslation

Qualifications
translated

Download

Bilingual data: 10 000 000 Irish-English sentences from Euramis

| **Showing 30 hits / 30 (more results available)**		
TM: Policies Doc. No.: 800000101 Req. Serv.: ECFIN Year: 2021 SL: EN (Direct) Trans: foxshan		
EN: Directive 2008/56/EC establishing a framework for community action in the field of marine **environmental policy** ('Marine Strategy Framework' Directive) (OJ L 164, 25.6.2008, p. 19).		**GA:** Treoir 2008/56/CE lena mbunaítear creat do ghníomhaíocht chomhphobail i réimse an bheartais comhshaoil mhuirí ('an Treoir Réime um Straitéis Mhuirí') (IO L 164, 25.6.2008, lch. 19).
TM: Policies Doc. No.: 800000001 Req. Serv.: ECFIN Year: 2021 SL: EN (Direct) Trans: hiarlao		
EN: Respectively Directive 2008/56/EC establishing a framework for community action in the field of marine **environmental policy** (Marine Strategy Framework Directive) (OJ L 164, 25.6.2008, p. 19);		**GA:** Na Treoracha seo faoi seach: Treoir 2008/56/CE lena mbunaítear creat do ghníomhaíocht chomhphobail i réimse an bheartais comhshaoil mhuirí ('an Treoir Réime um Straitéis Mhuirí') (IO L 164, 25.6.2008, lch. 19);
TM: Policies Doc. No.: 400140000 Req. Serv.: JUST Year: 2021 SL: EN (Direct) Trans: omuirpo		
EN: Academic/research institution • Government authority in charge of **environmental policy** • National prosecutors and professional networks for prosecutors • National judges and professional network for judges • National law enforcement professionals or professional networks of law enforcement • Local/regional authorities • European or international bodies dealing with environmental crime • Non-governmental organisations (NGO) • Business/industry or business/industry associations • Consumer organisations and citizens		**GA:** Institiúid acadúil/taighde • Údarás an rialtais atá i gceannas ar bheartas an chomhshaoil • Ionchúisitheoirí náisiúnta agus líonraí gairmiúla le haghaidh ionchúisitheoirí • Breithiúna náisiúnta agus líonra gairmiúil le haghaidh breithiúna • Gairmithe náisiúnta um fhorfheidhmiú an dlí nó líonraí gairmiúla um fhorfheidhmiú an dlí • Údaráis áitiúla/réigiúnacha • Comhlachtaí Eorpacha nó idirnáisiúnta a bhíonn ag déileáil leis an gcoireacht chomhshaoil • Eagraíochtaí neamhrialtasacha (NGO) • Lucht gnó/tionscail nó comhlachais ghnó/tionscail • Eagraíochtaí tomhaltóirí agus saoránaigh
TM: Policies Doc. No.: 800280101 Req. Serv.: MARE Year: 2021 SL: EN (Direct) Trans: haogaea		
EN: Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine **environmental policy** (Marine Strategy Framework Directive)		**GA:** Treoir 2008/56/CE ó Pharlaimint na hEorpa agus ón gComhairle an 17 Meitheamh 2008 lena mbunaítear creat do ghníomhaíocht Chomhphobail i réimse an bheartais comhshaoil mhuirí (An Treoir Réime um Straitéis Mhuirí)
TM: Policies Doc. No.: 800280000 Req. Serv.: MARE Year: 2021 SL: EN (Direct) Trans: haogaea		
EN: Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine **environmental policy** (Marine Strategy Framework Directive)		**GA:** Treoir 2008/56/CE ó Pharlaimint na hEorpa agus ón gComhairle an 17 Meitheamh 2008 lena mbunaítear creat do ghníomhaíocht Chomhphobail i réimse an bheartais comhshaoil mhuirí (An Treoir Réime um Straitéis Mhuirí)
TM: Policies Doc. No.: 801120301 Req. Serv.: MARE Year: 2021 SL: EN (Direct) Trans: niciogi		
EN: Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine **environmental policy** (Marine Strategy Framework Directive) (OJ L 164, 25.6.2008, p. 19).		**GA:** Treoir 2008/56/CE ó Pharlaimint na hEorpa agus ón gComhairle an 17 Meitheamh 2008 lena mbunaítear creat do ghníomhaíocht chomhphobail i réimse an bheartais muirthimpeallachta (an Treoir Réime um Straitéis Mhuirí) (IO L 164, 25.6.2008, lch. 19).
TM: Policies Doc. No.: 800000301 Req. Serv.: ECFIN Year: 2021 SL: EN (Direct) Trans: dgtmany		
EN: Directive 2008/56/EC establishing a framework for community action in the field of marine **environmental policy** ('Marine Strategy Framework' Directive) (OJ L 164,		**GA:** Treoir 2008/56/CE lena mbunaítear creat do ghníomhaíocht chomhphobail i réimse an bheartais comhshaoil mhuirí ('an Treoir Réime um Straitéis Mhuirí') (IO L 164, 25.6.2008,

# Data matters and cannot be left to chance

Irish	English
Is cineál faoi leith iad, iad níos cothaithí agus níos saibhre i Vitimín A,	They are of a special variety, more nutritious and rich in Vitamin A, which has hu
Bíonn siad ar oscailt idir 10.00 a.m. agus 4.30 p.m. ar ghnáthlaethanta oibr	They are open between 10.00 a.m. and 4.30 p.m. on normal working days.
Déantar iniúchadh agus grinnscrúdú orthu trí iniúchadh inmheánach (link to A	They are open to audit and scrutiny by both internal audit (link to Accountabilit
Tá siad eagraithe de réir bailte fearainn.	They are organized by townland.
Deartháireacha agus deirfiúracha linn iad.	They are our brothers our sisters.
Ina theannta sin, íocann Éire €75 milliún in aghaidh na bliana le buiséad gu	They are our way of making sure that Irish companies are supported in every way to
Déantar iad a choigeartú tar éis an íocaíocht dheireanach a fháil, nuair a b	They are readjusted after the last payment is received, when the Maternity Benefi
Déantar iad a earcú ó chomórtas oscailte, nach féidir le státseirbhísigh pái	They are recruited from open competition, which excludes civil servants, and are a
Tá siad ag fáil réidh leis na seanmhódhanna cócaireachta, lenar bhain pota a	They are replacing their old cooking methods, which involve sitting a pot on three
Tá an fostaí sin ina gcónaí i dtír a bhfuil comhaontú um Chánachas Dúbailte	They are resident in a country with which Ireland has a Double Taxation agreement
Tá siad freagrach as áiteanna poiblí atá faoina rialú, lena n-áirítear bóith	They are responsible for keeping public places under their control, including publ
Tá freagrach orthu maidir le riarachán laethiúil na Comhairle.	They are responsible for the day-to-day administration of the Council.
Bíonn siad ag imeacht ina naonar nó i mbeirteanna.	They are seen alone or sometimes in pairs.
Tá siad cosúil leis na horduithe ar féidir iarratas a dhéanamh orthu i bpró	They are similar to the orders that can be applied for in the process of divorce a
Tá siad cosúil leis na horduithe ar féidir iarratas a dhéanamh orthu i bpró	They are similar to the orders that can be applied for in the process of divorce a
Tá siad cosúil leis na horduithe ar féidir iarratas a dhéanamh orthu i bpró	They are similar to the orders that can be applied for in the process of judicial
Úsáidtear iad ar gach suíomh gréasáin beagnach, agus ní chuireann siad istea	They are standard across almost all websites and they do not affect your device.
Foirmeacha a éilítear le clárú	They are subject to change but notice will be given.
Tá siad faoi réir athchóirithe nuair a bheidh figiúirí dheireadh na bliana a	They are subject to revision when the end-year figures become available.
Tá siad tacaithe agus maoinithe ag an mBord um Fhaisnéis do Shaoranaigh.	They are supported and funded by the Citizens Information Board.
That is one of the advantages of having a body like this to discuss such mat	They are supported by a section of Irish-America whose Stone Age politics have not
Is é atá iontu ná taifid charntha de chuid duine aonair nó institiúide, ar t	They are the accumulated records of an individual or institution which merit prese
Is iad na bonnchlocha iad, agus na dearbhchlocha chomh maith, ar a mbunaítea	They are the foundation stones, but also the touchstones, upon which we build our
Is de shliocht na bhfianna buí iad, a tugadh isteach sa pháirc sa seachtú ha	They are the great-great-great-great (and so on) grandchildren of the Fallow deer
Scaoiltear amach anisin ar bannaí iad áit ar dócha go nglacfaidh siad páirt	They are then released on bail where they are likely to engage in further crimina
Ansin measctar le chéile go maith iad agus sórtáiltear iad de réir na vótaí	They are then thoroughly mixed and sorted according to the first preferences recor
Ansin measctar le chéile go maith iad agus sórtáiltear iad de réir na vótaí	They are then thoroughly mixed and sorted according to the first preferences recor
Ullmhófar iad de réir fhorálacha an Achta Toghcháin, 1997 (arna leasú), de r	They are to be prepared in accordance with the provisions of the Electoral Act 19
Beidh siad mar uain íobartacha a thabharfar don mhac tíre i mBaile Átha Clia	They are to be the sacrificial lambs to appease the Dublin wolves".
Tá siad oilte chun:	They are trained to:
Bíonn siad ina n-aonar agus ní bhíonn siad faiteach.	They are usually alone and quite cheeky.
Tá diansaothar ag baint leo agus tógann siad am.	They are very labour intensive and take time.
D'oirfeadh sé dóibh iad a chur i ndiaidh na praisí (brocailí nó cabáist	They are well suited to follow the brassicas (broccoli or cabbage) that have used
Baintear úsáid astu go coitianta chun suíomhanna gréasáin a chur ag obair, m	They are widely used in order to make websites work, or work more efficiently, as
Tá siad scríofa i bhformáid ceist agus freagra agus freagraíonn siad na ceis	They are written in a question and answer format and answer the questions most oft
Is iad sin:	They are:
Is iadsan:	They are:
Déanann siad an argóint nach féidir le hAirteagal 8 na dualgais a éiríonn f	They argue that Article 8 cannot avail the respondent in his argument on the oblig
Rinne siad araon cur síos ar na dúshláin a bhaineann le reachtáil Chumann Gn	They both described the challenges of running multi-activity Active Retirement Ass
Cheannaigh siad teach i Londainagus bhí seisear páistí acu.	They bought a house in London and had six children.
Tugann siad breithiúnas neamhspleách maidir le ceisteanna um straitéis, feid	They bring independent judgement to bear on issues of strategy, performance, resou
Mionnaím duit nach ionann teaghlach nach bhfuil slándáil bia acu agus teaghl	They bring peace and harmony in their families and a nation at large.
Sháraigh siad fórsaí an Rí agus bhog siad ó Chnoc Staball síos Sráid Thomáis	They broke through the Crown forces and moved from Staball Hill down Thomas Street

How to register?
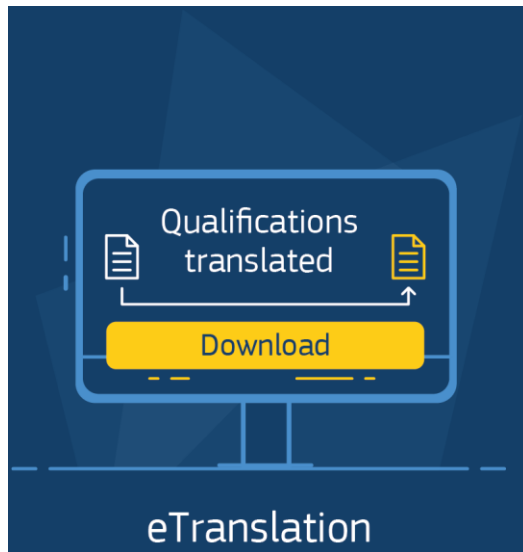
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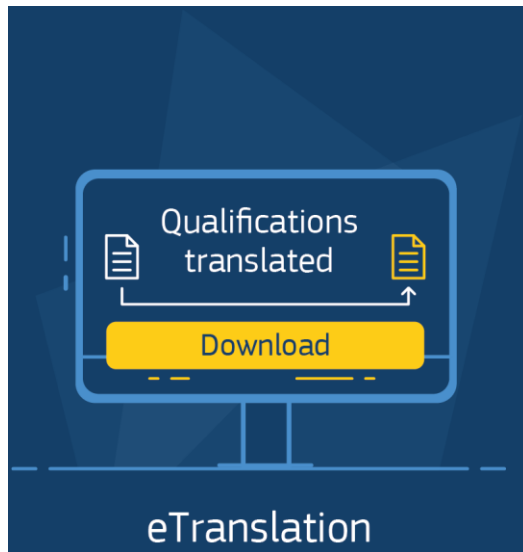
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THANK YOU FOR YOUR ATTENTION!

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