

WIPO Translate updates

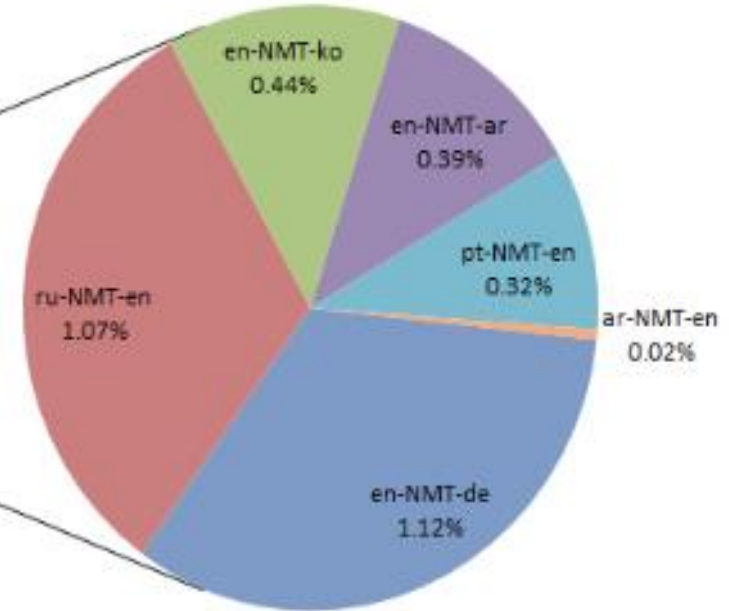
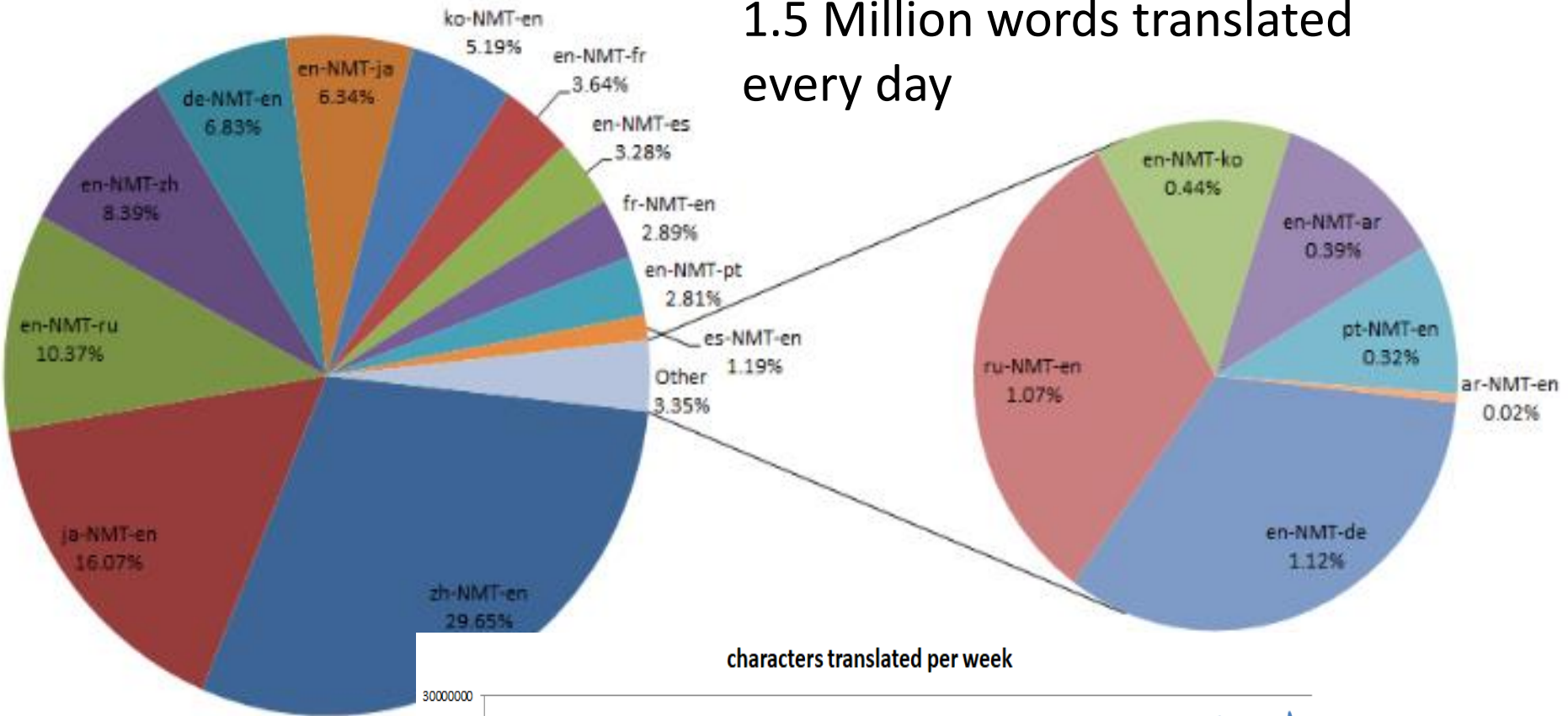
Neural Network machine translation

What's new in WIPO Translate?

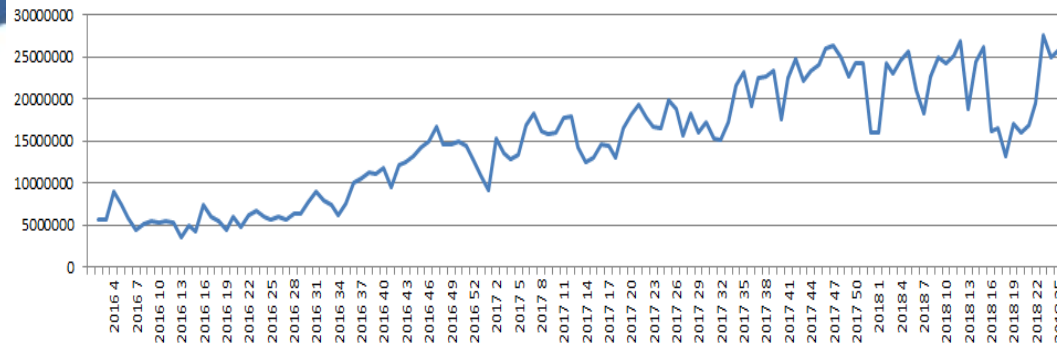
- Not much ;-)
- ... as we are consolidating our model :
 - WIPO Translate used more frequently
 - The team is growing: 3 full-time persons in MT
 - Agreements with patent offices (KIPO)
 - WIPO Translate as a service for private companies
 - Some promising exploratory work

WIPO Translate usage...

1.5 Million words translated every day



characters translated per week



Team: ATAC

Advanced Technology
Applications Center

*Aim: Explore machine
learning techniques in IP*



Michal (**MT**/chatbots)



Proyag (**MT**/Text classification)



Akshat (Speech/Chatbots)



Javier (cloud/WipoLex)



Bruno (**MT**/WipoLex)



Alex (Image)

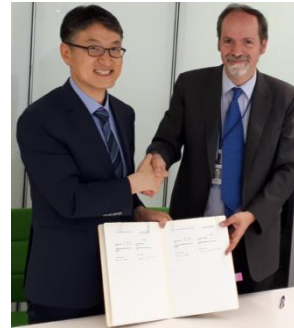


Ha (translated speech/Chatbots)

Christophe (**MT**/Image)

WIPO Translate & other organizations

- WIPO Translate & International organizations
 - WTO, IMF, WMO, OECD, IAEA, ITU (+WB)
 - ... and Korean Patent Office
 - ... and more to come



- WIPO Translate as a «pay for service»



Food and Agriculture Organization of the United Nations



United Nations

Current/future work

- Current exploratory projects:
 - Transformer models
 - Improve Portuguese MT using Spanish-English parallel texts



Speech to Text (WIPO S2T)

- Use machine learning techniques to output corresponding text
- Use records of WIPO meetings and corresponding transcripts
- Use cases:
 - Verbatim aligned with video
 - Send verbatim for translation
 - Text based search engine
 - Captioning
 - ...
- Demo: pilot developed for WIPO General Assemblies

Not really related to IP