

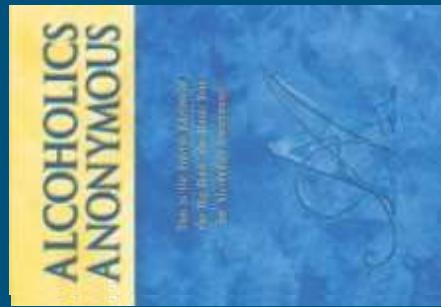
Literature Translation & Meeting Interpretation Technology

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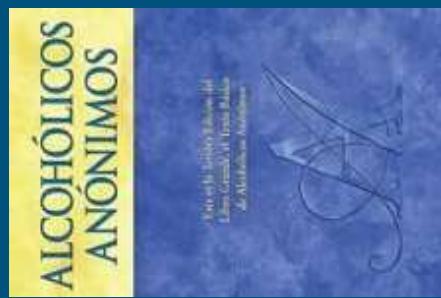
Allise B. & Shannon O.

Why we got interested

- El Libro Grande in Spanish does not say the same things as the Big Book in English and we believe our Spanish-speakers deserve a better translation.
- AAWS is concerned about the cost and logistics of last year's Advisory Action requiring the Background Material be released in French & Spanish at the same time as the English.



≠



We believe technology can solve both issues. NAATW asked us to tell you how it can solve your challenges, too.

Why you Should be interested

Tradition V

Our primary purpose: carrying THE message to the
alcoholic who still suffers...

...regardless of proficiency to read/write/speak English

Our aim: to grow in understanding & effectiveness

**Technology has changed the landscape of what we can do,
how well we can do it, and how quickly we can get it done...**
WE are responsible...for putting that technology to use!

Goals of Translation:

Accuracy,
consistency &
timely delivery

How much are we really helping if we pass on inaccurate translations or none at all?

Topics for Today

- Translation (Text-to-Text)
 - Interpretation (Speech-to-Speech)
 - Transcription (Speech-to-Text)
 - Closed Captioning (Speech-to-Text)
-

Topics for Another Day

- ASL Interpretation (Speech-to-Sign)
- Text-to-Speech for Sight-Impaired
- Website Translation (Text)

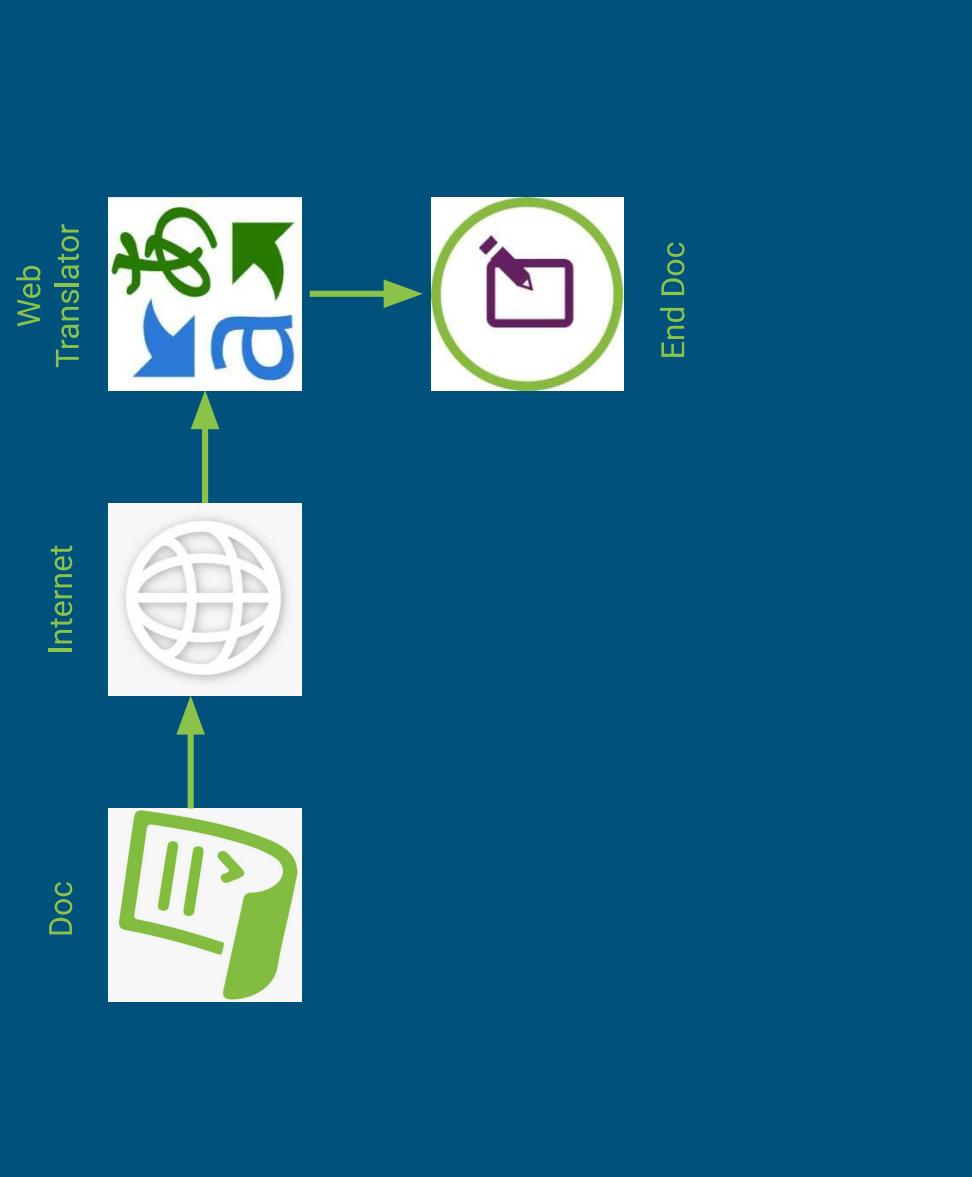
Document Translation Technology – **Text-to-Text**

Document Translation

What: Agendas, Flyers, Minutes,
Motions & Background Material,
Reports, etc.

Three Primary Concerns:

- Quality
- Turnaround Time
- Cost



Literature Translation Technology	
Issues	Current/Recent
Who	Google Translate, MS Translator
How	Quick & easy: run document through on website
How long	Minutes
How much	FREE
How good	[Regional travel] pool = swimming pool Chair = recliner Presidente del comité--but NO presidents in AA 389 errors in July Minutes

Pro Tip:

Run Spellcheck & proofread
the English document *before*
you translate it!

(It's not fair to expect a good translation of a wrong word!)

Google Translate



Phone →

Laptop ↘

Google Translate

English ↔ Spanish

The Big Book shows us precisely how the first 100 recovered.

Camera Conversation Transcribe

Spanish ↔ English

El Libro Grande nos muestra precisamente cómo se recuperaron los primeros 100.

Send feedback

DETECT LANGUAGE ENGLISH S V ↔ SPANISH ENGLISH

It means you should read The Big Book for instructions!

Hear pronunciation

Dictate

55 / 5,000

Send feedback

Google Translate

English ↔ Spanish

The Big Book shows us precisely how the first 100 recovered.

Camera Conversation Transcribe

Spanish ↔ English

El Libro Grande nos muestra precisamente cómo se recuperaron los primeros 100.

Send feedback

DETECT LANGUAGE ENGLISH S V ↔ SPANISH ENGLISH

It means you should read The Big Book for instructions!

Hear pronunciation

Dictate

55 / 5,000

Google Translate Documents

<https://translate.google.com/>

The screenshot shows the Google Translate interface. At the top right is a user profile picture. Below it are three horizontal dots and a grid icon. The main heading is "Google Translate". On the left, there are two buttons: "Text" (highlighted in blue) and "Websites". On the right, there is a language pair "ENGLISH" to "SPANISH" with a double-headed arrow icon between them. In the center, the text "Choose a document" is displayed above a "Browse your computer" button. Below this, a note says "Upload a .docx, .pdf, .pptx, or .xlsx. Learn more".

MS Translator

www.microsoft.com/en-us/translator/

A screenshot of the Microsoft Translator website. The interface includes a top navigation bar with icons for zoom, orientation, and a three-dot menu. Below this is a toolbar with tabs for Text, Voice, Image, and Ink, with 'Text' currently selected. A language selector shows 'English' as the source language and 'Spanish' as the target language, with a dropdown arrow indicating a translation action. On the left, there's a sidebar with an 'Open' button and a placeholder text area containing the instruction 'Type something, or open a file'. The main content area features a large, atmospheric photograph of a forest with mist. At the bottom of the page, a footer bar displays the text '0/10,000 characters'.

The 'Text' tab in the toolbar and the 'Type something, or open a file' placeholder in the sidebar are both circled with blue ink.

How It Works:

The AI Translation Version

Will be in the slide deck available after NAAFW
We were asked to present on practicalities rather than AI

11th Tradition WARNING!! Machine Translation

Google Translate acquires ownership of any information that it translates under its official terms and conditions; other platforms may have the same issue.

- Anonymity risks
- Copyright concerns

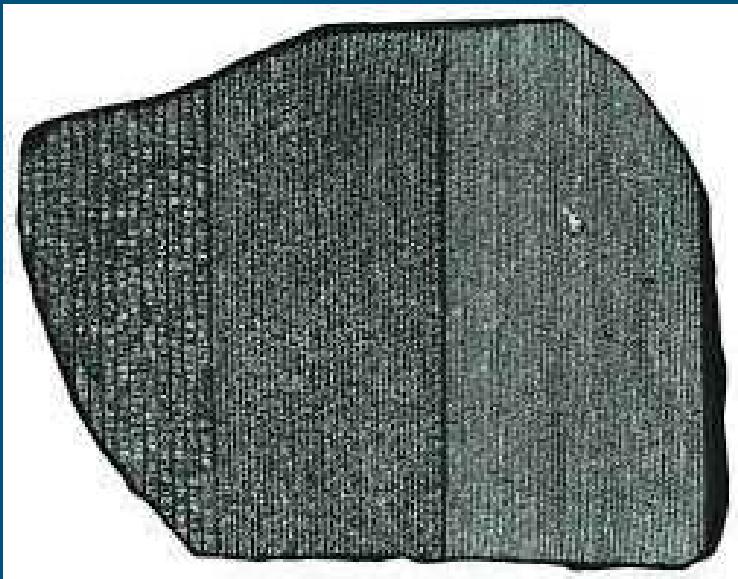
Horror story: A \$43B Norwegian oil company used Translate.com, a free online tool, to translate notices of dismissal, plans of workforce reductions and outsourcing, passwords, code information, and contracts, only to find the translation of all of this sensitive material was later discoverable via a basic Google search.

The Guide to Translation and Localization (8th ed.)
Courtesy of LanguageLine Translation Solutions

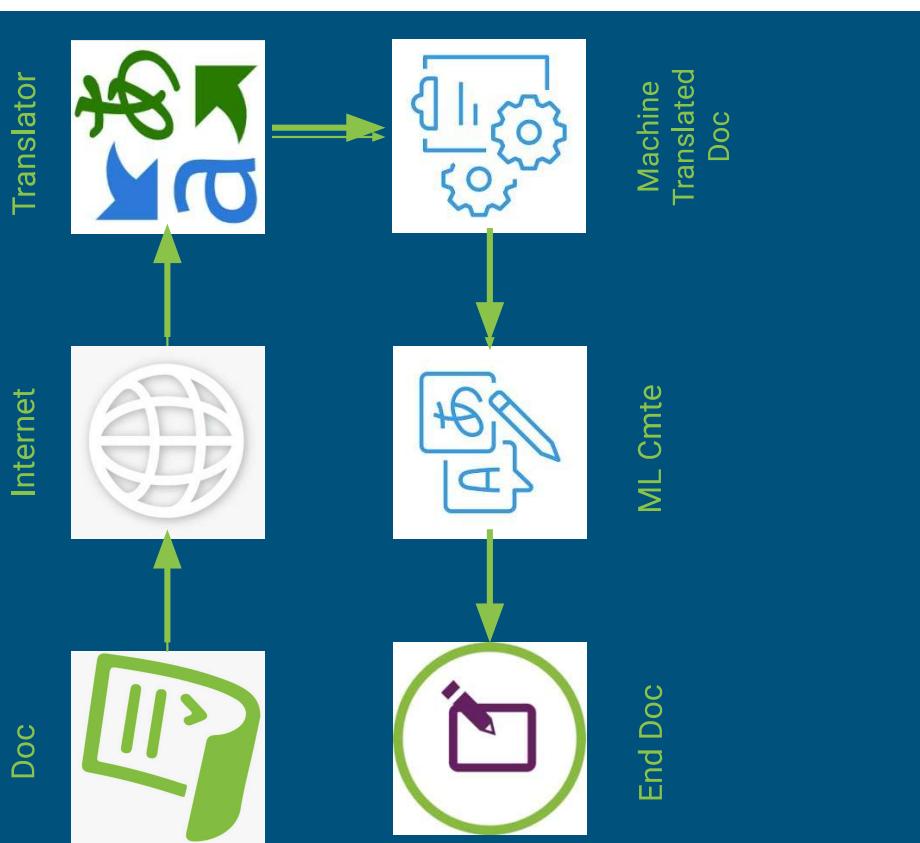
**Moral of the Story:
Remove the last names before you translate!**

Statistical Machine Translation (SMT)

- **Parallel corpora** (training data) – massive modern Rosetta Stones providing word, phrase, and idiom translations in context for many language pairs
- Short context around a given word instead of performing single word translations.
- No reliance on grammatical rules or dictionaries (except for single-word translations).
- **Statistical modeling** techniques address:
 - **decipherment**—detecting the correspondences between source and target language in the training data, and
 - **decoding**—finding the best translation of a new input sentence.



This image is in the public domain in its country of origin.



Literature Translation Technology		
Issues	Current/Recent	Good
Who	Google Translate, MS Translator	#1 + human editing by Multilingual Cmte
How	Quick & easy: run document through on website	#1 + send to Multilingual Cmte in advance
How long	Minutes	Days or Weeks
How much	FREE	FREE
How good	[Regional travel] pool = swimming pool Chair = recliner Presidente del comité--but NO presidents in AA	As good as your Multilingual Committee

Translation Management System (TMS)

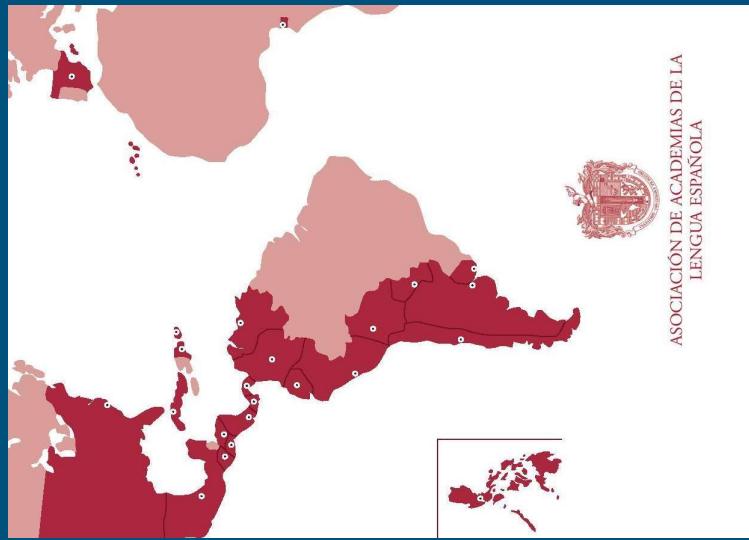
- Cloud-based CAT (Computer-Aided Translation) Tool
 - Central repository where all translated content lives
 - Glossaries, Style Guides are uploaded, updated (if necessary) & stored here
 - Accessible by as many people as required to complete the project, including:
 - Multilingual Committee Members
 - Bilingual AA Members
 - Paid, Certified Translators/Editors/Reviewers
- Translation Memory Database = **Translation Memory savings**
 - Word types:
 - New words
 - Fuzzy words
 - Repeat words



Literature Translation Technology				
Issues	Current/Recent	Good	Better	
Who	Google Translate, MS Translator	#1 + human editing by Multilingual Cmte	Paid, certified translators w/ glossary	
How	Quick & easy: run document through on website	#1 + send to Multilingual Cmte in advance	Create glossary in advance; send documents well before needed	
How long	Minutes	Days or Weeks	Days, Weeks or Months (affects cost)	
How much	FREE	FREE	Priced on per-word basis ES: \$0.01 - \$0.05/word FR: \$0.02 - \$0.07/word	
How good	[Regional travel] pool = swimming pool Chair = recliner Presidente del comité--but NO presidents in AA	As good as your Multilingual Committee	Varies by whether they understand AA lingo; certified translators should do an excellent job if given a thorough glossary	

Literature Translation Technology	
Issues	Best
Who	Computer-Aided Translation <i>with</i> glossaries, <i>Memory Tech +</i> <i>professional review</i>
How	Glossary & translation memory prep, then easy thereafter
How long	Seconds to minutes per document + review time
How much	Per-word charge, with translation mem. leverage
How good	Excellent and gets better: machine learning used to teach the program from past documents

Consistency is critical to effective communication



La Asociación de Academias de la Lengua Española (ASALE.org)

- Coalition of the 23 Spanish-speaking countries seeking ONE Spanish led by the RAE (la Real Academia Española or Spanish Royal Academy)
- Dialects are expressed through spoken accents and slang, neither of which are in our literature (audiobooks aside)

Consistency is critical to effective communication

La Asociación de Academias de la Lengua Española (ASALE.org)

- Coalition of the 23 Spanish-speaking countries seeking ONE Spanish led by the RAE (la Real Academia Española or Spanish Royal Academy)
- Dialects are expressed through spoken accents and slang, neither of which are in our literature (audiobooks aside)
- Academics come together to resolve differences in their regionalisms so that there is only ONE written Spanish



Pan-Hispanic Dictionary
of Doubts

Glossary Reconciliation

We can accept suggestions from various sources—our current literature, electronic translators, Area Multilingual Committees, etc. and resolve the differences like ASALE does.

English-Spanish Glossary

English	SETA Glossary	Google Translate	MS Translator	Comments	Comments 2	Resolution
Alternate Delegate	Delegado alternativo/a	Delegado alternativo/a	Delegado suplente	New Svc Man uses "suplente"	SETA believes "alterno" is closer	???
Alternate GSR	RSG alternativo/a	RSG suplente	GSR alternativo	no gender in MS		???
Chair	—	silla	silla	don't sit on them	train the humans	???
Chairperson	Coordinador/a	Presidente/a	Presidente	no Presidents in AA!	No gender in MS	Coordinador/a
DCM	MCD	DCM	DCM			MCD
GSC	SGC	SGC	SGC			CSG
GSO	OSG	OSG	OSG			OSG
GSR	RSG	RSG	Gsr			RSG

ORIGINAL

sponsor

“In A.A., sponsor and sponsored meet as equals, just as Bill and Dr. Bob did. . . . An alcoholic who has made some progress in the recovery program shares that experience on a continuous, individual basis with another alcoholic who is attempting to attain or maintain sobriety through A.A.”

P-15, Questions and Answers on Sponsorship

- Las connotaciones religiosas o mafiosas pueden frenar a los miembros. RAE define como:
 - un hombre que presenta y asiste a quien recibe el **bautismo** y que contrae con él ciertos compromisos;
 - Hombre que acompaña a quien recibe algún **sacramento cristiano**; o
 - jefe de una organización mafiosa.

3^a EDICIÓN

padrino / madrina

- Las connotaciones religiosas o mafiosas pueden frenar a los miembros. RAE define como:
 - un hombre que presenta y asiste a quien recibe el **bautismo** y que contrae con él ciertos compromisos;
 - Hombre que acompaña a quien recibe algún **sacramento cristiano**; o
 - jefe de una organización mafiosa.

TRADUCCIÓN PROPUESTA

patrocinador/a

- Alguien quien defiende, protege, ampara, o favorece.
- “En A.A. el padrino y el apadrinado se encuentran como iguales . . . Un alcohólico que ha hecho algunos progresos en el programa de recuperación, comparte esta experiencia de una forma continua y personal con otro alcohólico que está esforzándose por alcanzar o mantener la sobriedad por medio de A.A.”

SP-15, Preguntas y Respuestas Sobre el Apadrinamiento

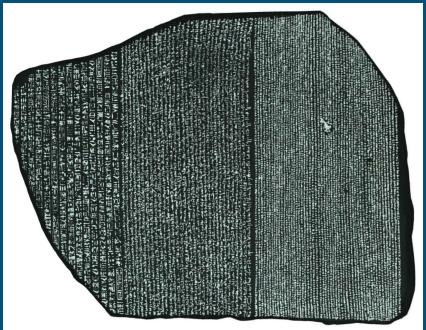
3^a ED. TRANSLATED BACK

godfather / godmother

- Religious or mafioso connotations may hold members back. RAE defines as:
 - someone who introduces and assists the one who receives **baptism** and who makes certain commitments with him;
 - someone who accompanies someone who receives a **Christian sacrament**; or
 - head of a mafia organization.

Multilingual Glossaries

Glossaries provide pre-defined translations for English words, phrases and idioms in all target languages. They are auto-populated by the TMS to ensure consistency.



English-French-Spanish Glossary

English	French fem.	French masc.	Spanish fem.	Spanish masc.
Alternate Delegate	Délégué adjoint	Délégué adjoint	Delegada alterna	Delegado alterno
Alternate GSR	RSG adjoint	RSG adjoint	RSG alterna	RSG alterno/a
Chairperson	Coordinatrice	Coordinateur	Coordinadora	Coordinador
DCM	RDR	RDR	MCD	MCD
General Service Conference	Conférence des Services généraux	Conférence des Services généraux	Conferencia de Servicios Generales	Conferencia de Servicios Generales
GSC	CSG	CSG	CSG	CSG
GSO	BSG	BSG	OSG	OSG
GSR	RSG	RSG	RSG	RSG

We can make a 21st century Rosetta Stone for AA.
https://commons.wikimedia.org/w/index.php?title=File:Rosetta_Stone_BW.jpg
This work is in the public domain in its country of origin.

Neural Machine Translation (NMT)

- Translation takes into context the full sentence, versus a sliding window of only a few words that Statistical Machine Translation (SMT) technology uses.

The buck does

The buck does

The buck does funny things when does are present.

- Produces more fluid and human-sounding translation.

Neural Machine Translation (NMT) Steps

1. Each word is coded along a **500-dimension vector** **a** per language pair including gender, politeness level, part of speech and other non-obvious characteristics derived from the training data.
2. This 500-dimension vector goes through a first layer of “neurons” that encode it into a **1000-dimension vector** **b** representing the word in the context of the other words in the sentence.
3. The process is **repeated several times**, each layer allowing better fine-tuning of the 1000-dimension representation of the word within the context of the full sentence (unlike SMT technology that can only consider a 3-to-5-word window).



Neural Machine Translation (NMT) Steps

4. The final output matrix is then used by the **attention layer** (a software algorithm) along with the output of previously translated words to define which word should be translated next and to drop unnecessary words in the target language.
5. The **decoder (translation) layer**, translates the selected word (i.e., the 1000-dimension vector representing this word within the context of the full sentence) in its most appropriate target language equivalent. The output of this last layer **C** is then fed back into the attention layer to calculate which word should be translated next.

Document Translation Sample Fee Computations

Sample Fee Computation

Example: Area Policies & Procedures Document, English > Spanish

- 30 page document, estimated ~300 words/page (English)
 - Spanish expands by roughly 25-30% = 375 words/page
 - 375 words/page x 30 pages = 11,250 words
- Even without a robust Translation Memory database, still expect 20% of content will be 100% match/repeated segments within document.**

Professional + TM Pricing:

Cost: **\$570.00**
3,000 new wd x \$0.11/wd = \$330
6,000 fuzzy wd x \$0.04/wd = \$240
2,250 repeat words x FREE = \$0
TAT: ~4 days
Quality: 10/10

MT+Review:

Cost: **\$360**
9,000 new words x \$0.04/wd = \$360
2,250 repeat words x FREE = \$0
TAT: ~2 days
Quality: 8/10

MT-only:

Cost: FREE
TAT: Minutes
Quality: 6/10

Fee Computation for Google MT w/ Customization

AutoML * translation	User content	Total Charge
	$25\text{¢}/\text{page}$ <u>or</u> $8\text{¢}/\text{word}$	$\# \text{ of pages}$ or words \times $=$ Total Charge

Charges per formatted page
or unformatted text

\$300 credit
FREE TRIAL

First 500K
characters per
month FREE

Could use for
all your AutoML
or any testing
or tinkering or
any combo

Common page is
1600 characters
 $500,000 \div 1600 =$
312.5 pages

* Auto Machine Learning

Sample Fee Computation for Google—DISTRICT

AutoML training	AutoML translation	User content	Total Charge
\$45/hour × 2 hours = \$90	Google: 25¢/page or 8¢/word	100 pages unformatted	\$90 first time then FREE
Hourly fee up to \$300 maximum	Charges per formatted page or unformatted text	First 500K characters per month FREE	100 pages well within 500K characters FREE
1,000 pairs of glossary terms		Common page is 1600 characters	Always pay 25¢ per formatted page
ONE-TIME ONLY		500,000 ÷ 1600 = 312.5 pages	SO WHAT? Cost of a photocopy

Sample Fee Computation for Google—AREA

AutoML* translation	User content	Total Charge
25¢/page or 8¢/word	100 pages formatted \times	\$25/quarter $=$

Charges per formatted page
or unformatted words

Can have both types in one month

DOCX, XSLX,
PDF

Returns formatted document

Better results with
DOCX or XSLX
than PDF

Can your Area
afford \$25/quarter
(or less) for
accurately
translated
documents???

(still good to have
a human read
them, but vastly
superior to current
practices)

* Auto Machine Learning

Complicated Fee Computation for Microsoft

azure.microsoft.com/en-us/pricing/details/cognitive-services/translator/

Free tier for 12 months	Monthly Azure Services	User content	Total Charge
$\leq 2 \text{ MM chars/mo}$ $(\sim 1250 \text{ pages})$	\$1.59/mo for 1st year	\$0 if $< \sim 1250$ pages/mo	\$1.59/mo for 1st year
Std. Translation	Storage: 32GiB \$1.54/mo +\$0.05/10,000 storage transactions	2MM FREE characters per month for 1st year $\leq 1250 \text{ pages/mo}$	\$200 FREE Trial <i>I may not be reading it right—it's obtuse</i>

Std. Translation

- Text Translation
- Language Detection
- Bilingual Dictionary
- Transliteration
- Custom Translation
- Training

Custom

Training

Additional Services may be necessary

Online pricing estimator

Storage: 32GiB \$1.54/mo
+\$0.05/10,000 storage transactions

Characters per month for 1st year
 $\leq 1250 \text{ pages/mo}$

Std.: \$10-15/
10MM characters

Custom: \$10/1MM characters training
(max \$300) + \$40/
10MM characters
+ \$10/mo/model/region

Fee Computation for TransPerfect

Glossary training	Memory Tech training	User content	Total Charge
+ + +	+ + +	+ # of words	= Total Charge

10,000,000 pairs
of glossary terms
**ONE-TIME
ONLY**

Words that are already in
the Glossary or the
Translation Memory are
not charged again!

Placeholder

COMING SOON

Fees for Translate.com

~300 words/pg EN ≈ 375 words/pg ESP
 ~300 words/pg EN ≈ 360 words/pg FR
 10,000/375 ≈ 26 7,000/375 ≈ 18
 pages/month pages/month

START	PREMIUM	PRO	BASIC
For one-time orders or for testing our translation	Minimum price for high-volume translations	Suitable for 85% companies	Our most affordable plan
\$0.07 /word	25000 WORDS/mo	10000 WORDS/mo	7000 WORDS/mo
<ul style="list-style-type: none"> ✓ No monthly payment ✓ Unlimited words 	<ul style="list-style-type: none"> ✓ \$0.03/word ✓ \$0.05/word over limit ✓ 24/7 Support 	<ul style="list-style-type: none"> ✓ \$0.036/word ✓ \$0.05/word over limit 	<ul style="list-style-type: none"> ✓ \$0.04/word ✓ \$0.05/word over limit
		\$360 /mo	\$280 /mo
Effective price per word	\$0.07	\$0.03	\$0.04
Overage price per word	\$0.07	\$0.05	\$0.05
Translators level	Basic	First-class	Premium
Billing period	monthly	monthly	monthly

Sample Fee Computation for “BEST” Option

TMS/CAT Tool (Glossaries, Style Guides, Translation Memory included) + Professional Translation by ISO Certified Linguists

English > Spanish	Price
New Words	\$0.11/word
Fuzzy/Partial Match Words	\$0.04/word
100% Match/Repetitions	FREE

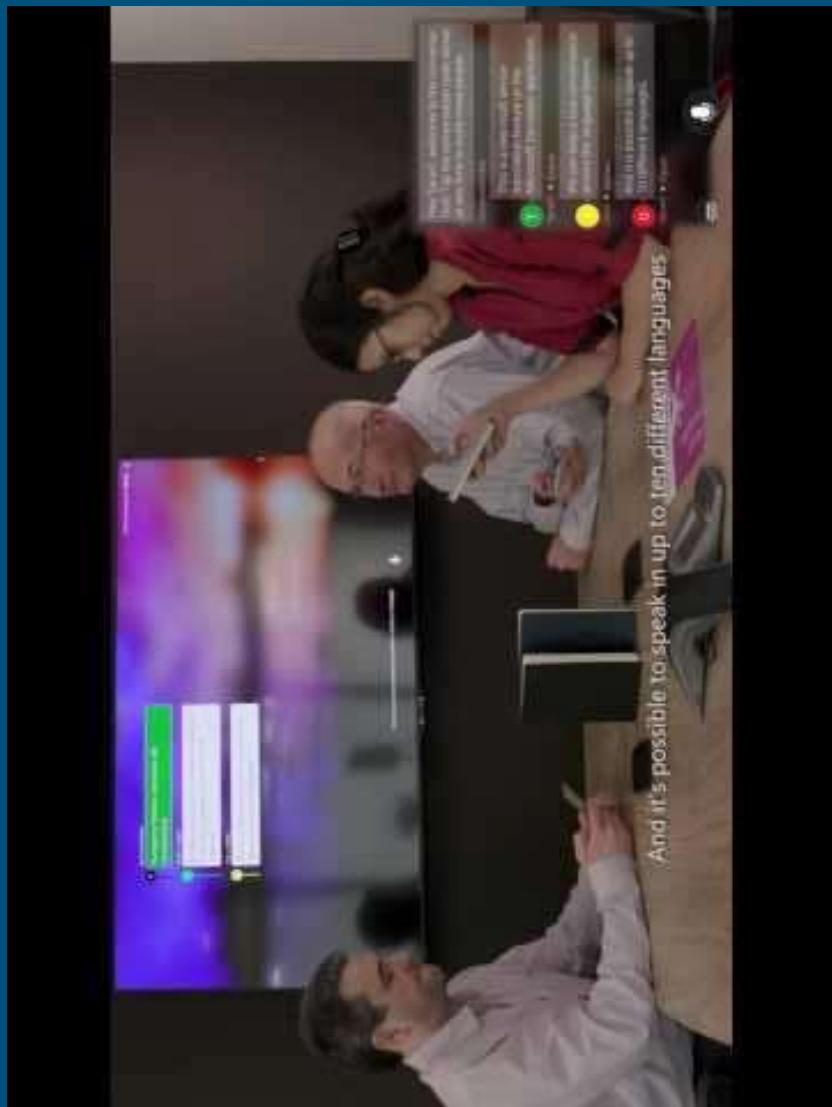
Consistency is critical to carrying THE message

Technology can help!

1. Improve text quality and consistency via:
 - a. glossaries
 - b. style guides
 - c. translation memory database
2. Save costs drastically
3. Reduce turnaround times
4. Facilitate review by members around the world

Meeting Interpretation Technology – **Speech-to-Speech**

Meeting Interpretation Technology

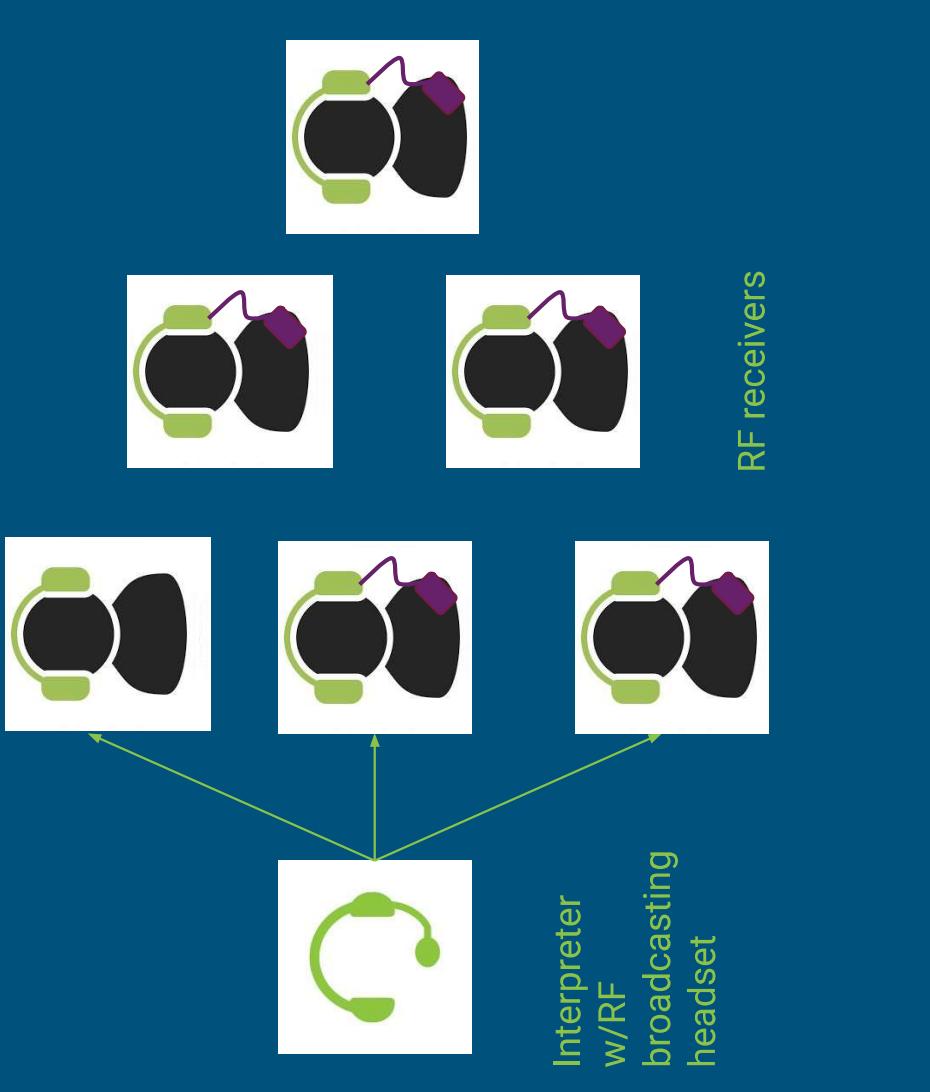


Meeting Interpretation

- What
- Who
- How
- How much
- How good

—

What: Area assemblies, District meetings, speaker meetings & even conversations



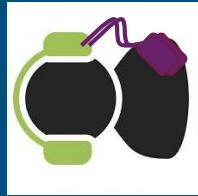
Meeting Interpretation Technology	
	Current/Recent
Who	Multilingual Committee
How	RF receivers with headsets. Come with multiport USB chargers for the receivers
How much	Cost of headsets for interpreters and listeners: \$99 for 1 + 5; \$600 for 1 + 10
How good	As good as your Multilingual Committee

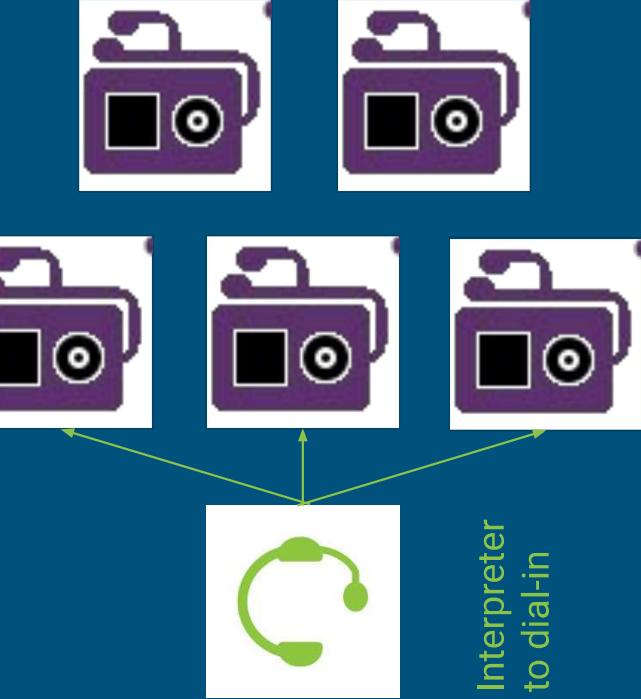
Meeting Interpretation Technology	
	Current/Recent
Who	Multilingual Committee
How	RF receivers with headsets. Come with multiport USB chargers for the receivers
How much	Cost of headsets for interpreters and listeners: \$99 for 1 + 5; \$600 for 1 + 10
How good	As good as your Multilingual Committee



Interpreter w/RF broadcasting headset

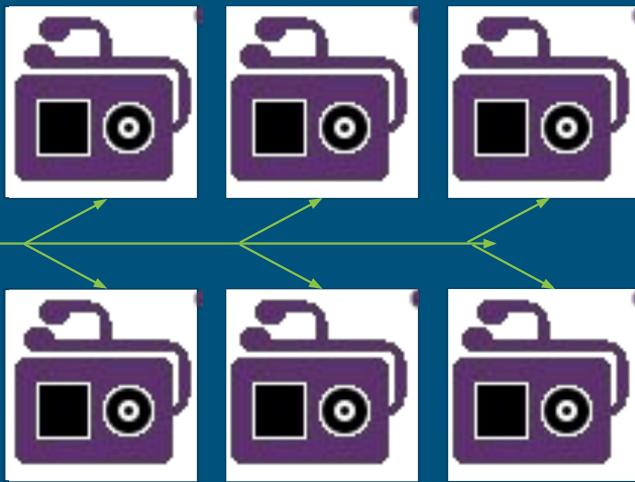
RF receivers





phones / earbuds

Meeting Interpretation Technology		
	Current/Recent	Good
Who	Multilingual Committee	Multilingual Committee
How	RF receivers with headsets	Listen through phone & earbuds via dial-in to service: Interpreter uses headset
How much	Cost of headsets for interpreters and listeners	Cost of headsets for interpreters
How good	As good as your Multilingual Committee	As good as your Multilingual Committee

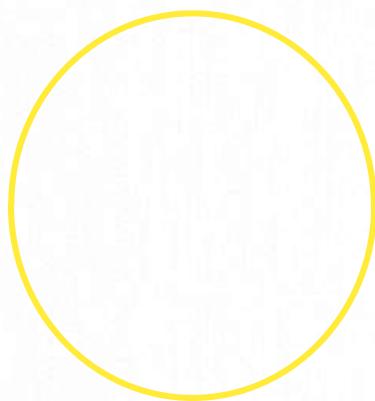


Meeting Interpretation Technology			
	Current/Recent	Good	Better*
Who	Multilingual Committee	Multilingual Committee	Google Translate, MS Translator
How	RF receivers with headsets	Listen through phone & earbuds via dial-in to service; Interpreter uses headset	Via phone at translate.it for up to 100 participants
How much	Cost of headsets for interpreters and listeners	Cost of headsets for interpreters	Free
How good	As good as your Multilingual Committee	As good as your Multilingual Committee	Ask after Oct 1-2 SETA Assembly

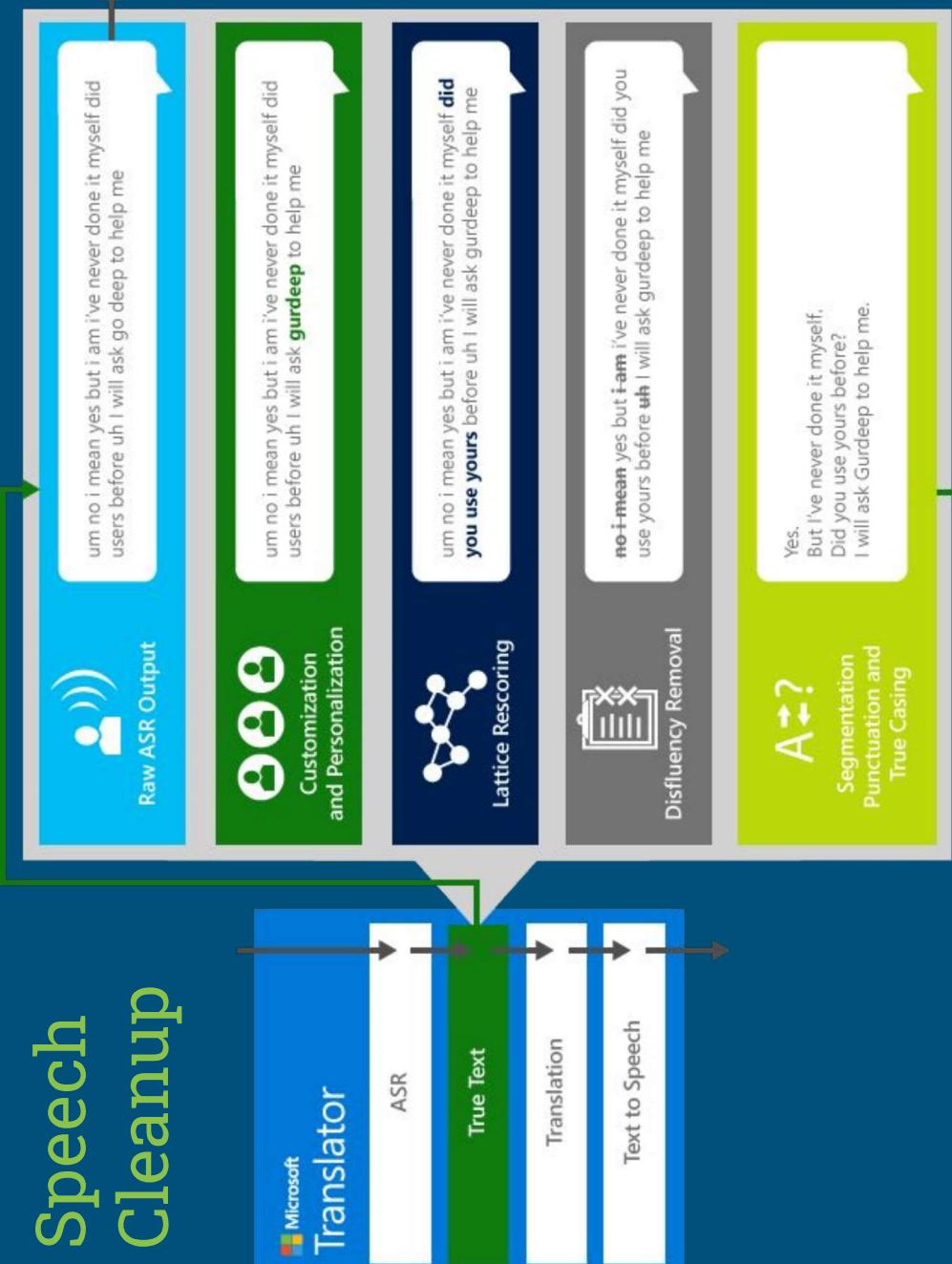
*Your Multilingual Committee may provide better quality.
This is free and allows them to participate in the meeting.

phones + earbuds →
phones + earbuds

Speech-to-Speech Interpretation



Speech Cleanup



Euh non, je veux dire oui mais je suis je suis je l'ajamais fait moi-même fait utilisateurs avant euh je vais demander à aller profond pour m'aider

Oui.
Mais je ne l'ai jamais fait moi-même.
Avez-vous utilisé le vôtre avant ?
Je vais demander à Gurdeep de m'aider.

Meeting Interpretation Technology—In Person

	Current/Recent	Good	Better	Best
Who	Multilingual Committee	Multilingual Committee	Google Translate, MS Translator	Paid, certified interpreters
How	RF receivers with headsets	Listen through phone & earbuds via dial-in to service; Interpreter uses headset	Via phone at translate.it for up to 100 participants	Use phone & earbuds via dial-in service; Interpreter uses headset
How much	Cost of headsets for interpreters and listeners	Cost of headsets for interpreters	Free	\$65+/hour local freelancer \$250-\$400/hour on demand; minimum hours may apply
How good	As good as your Multilingual Committee	As good as your Multilingual Committee	Ask after Oct 1-2 SETA Assembly	Should be excellent if interpreter(s) familiar with AA lingo

Meeting Interpretation Technology—Virtual

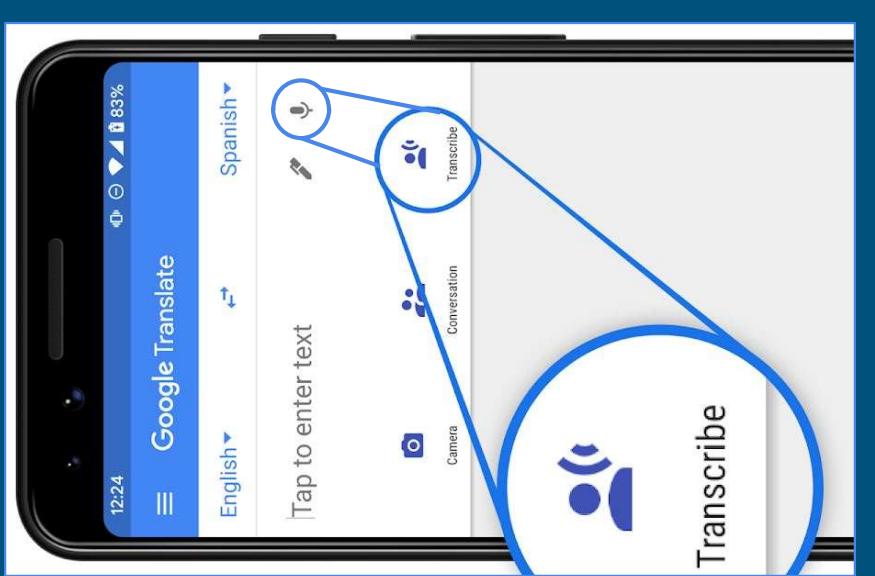
	Current/Recent	Good	Better	Best
Who	Multilingual Committee			Paid, certified interpreters
How	Special login for interpreter; listen through interpretation channel	Haven't seen pure speech-to-speech technology for virtual platforms	Special login for interpreter; listen through interpretation channel	
How much	Google Meet FREE Skype Zoom \$55/mo	Speech-to-text as closed captions or transcription is available	\$65+/hour local freelancer \$250-\$400/hour on demand; minimum may apply	
How good	As good as your Multilingual Committee		Should be excellent if interpreter(s) familiar with AA lingo	

Meeting Interpretation Technology

—

Speech-to-Text

Google – Speech-to-Text



The screenshot shows the Google Translate app interface. At the top, it displays "12:24" and "83%". The main title is "Google Translate". Below that, language pairs are listed: English ▾ ↔ Spanish ▾. A large blue circle highlights the "Transcribe" button, which has a microphone icon and the word "Transcribe" next to it. To the left of the "Transcribe" button is a "Conversation" icon. Below these icons is a placeholder text "Tap to enter text".

Google Translate

DETECT LANGUAGE ENGLISH S ▾ ↔ SPANISH ENGLISH ARABIC ▾

It means you should read The Big X Book for instructions!

Dictate

55 / 5,000

Send feedback

11th Tradition RE-WARNING!! Speech-to-Speech

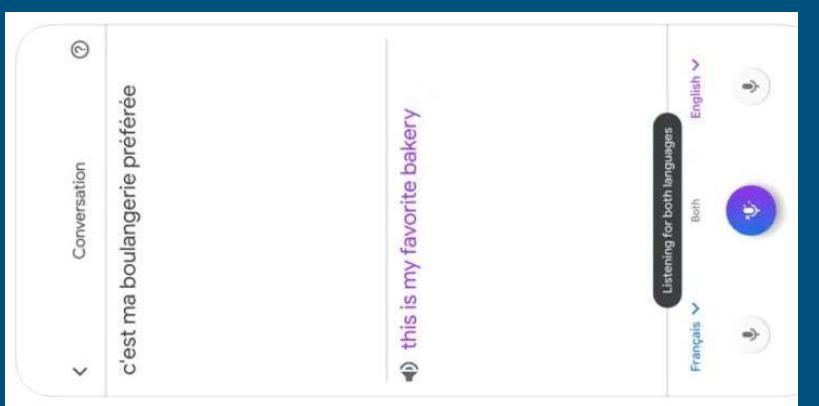
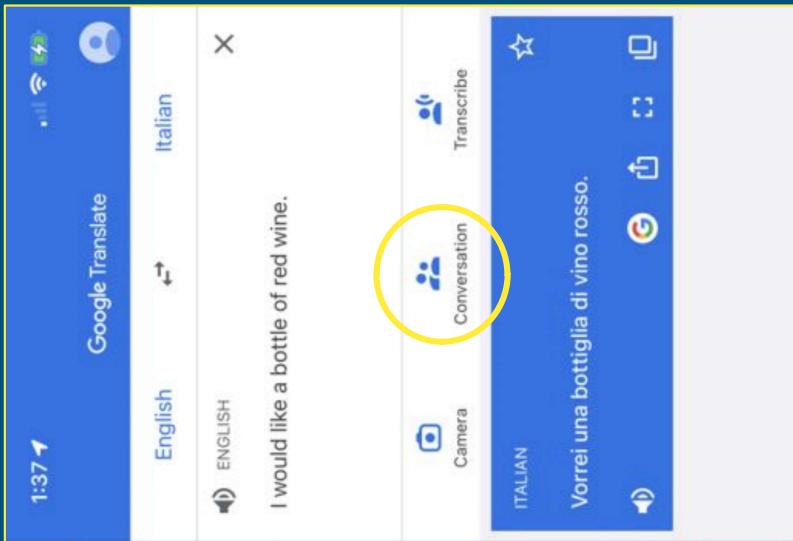
Google Translate acquires ownership of any information that it translates under its official terms and conditions; other platforms may have the same issue.

- Anonymity risks
 - Our last names are already all over the internet and this is a way to put more there.
 - Probably not grave yet because we don't search for speech yet.

Moral of the Story: Advise your speakers NOT to give their last names nor those of living members.

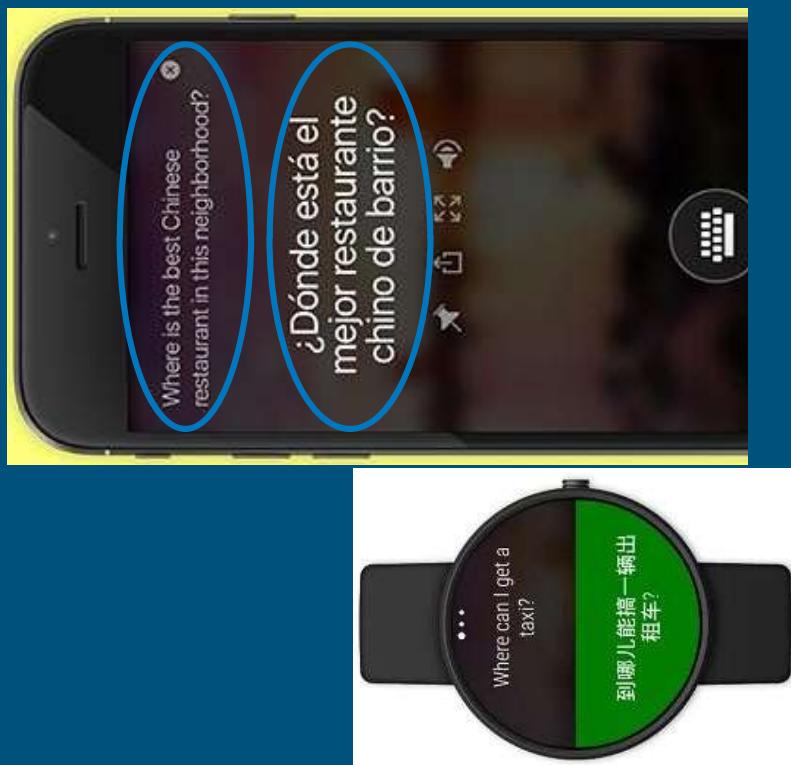
Google – Speech-to-Speech for Individuals

- Available only for phones & tablets

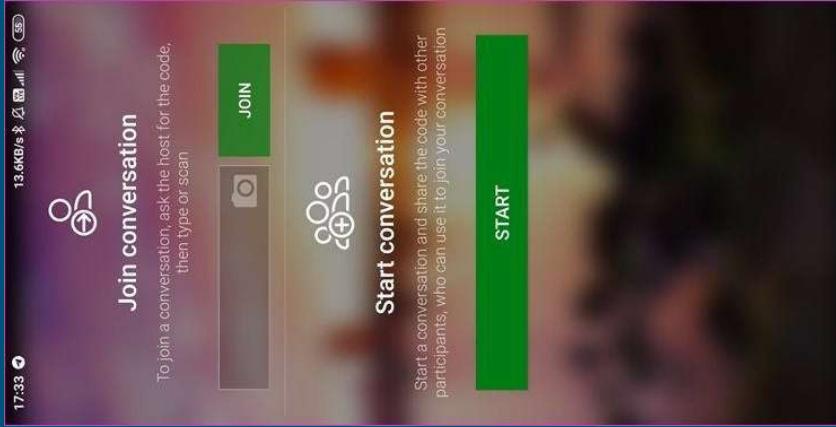
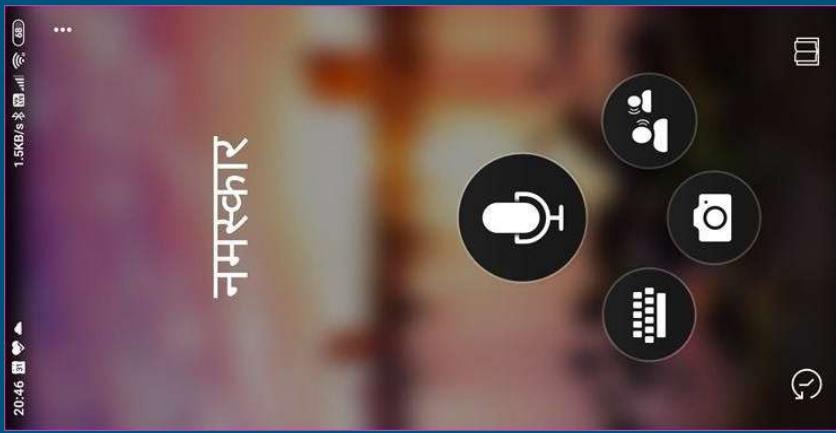


MS Translator – Interpretation

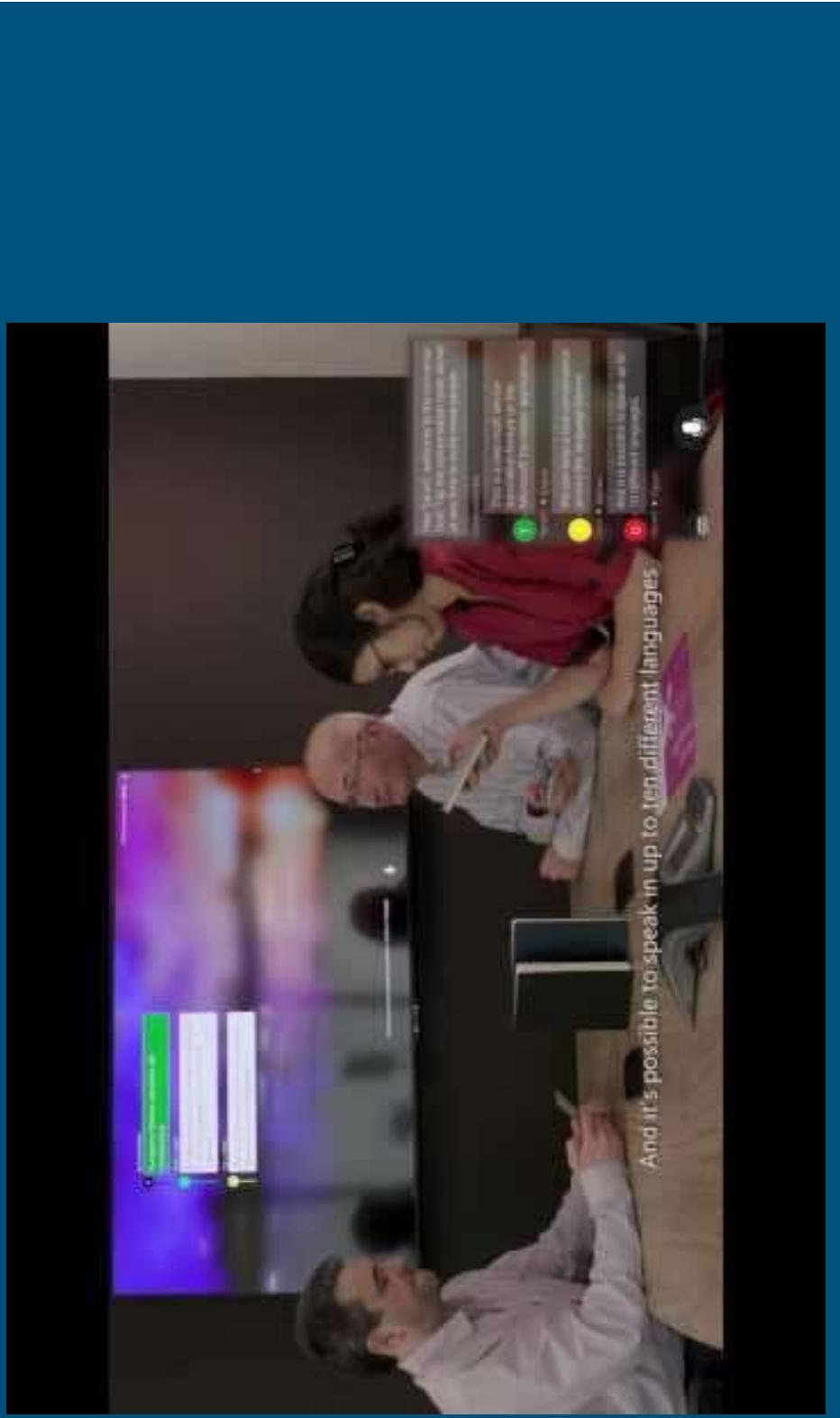
The screenshot shows a Microsoft Translator conversation window. At the top, there's a navigation bar with 'Translator' (with a back arrow), 'Translate', 'History', 'Conversation' (underlined in green), and 'Phrasebook'. Below that is a sub-menu with 'Participants' (Conversation code: CPEIL), 'Conversation bot • English', and 'Victor • French'. The main area shows a landscape image with a conversation log. User 'C' (English) asks 'Hello how are you doing? Bonjour, comment allez-vous?'. User 'V' (French) replies 'Very well, thank you. I'm happy to speak to you today. Moi aussi. Quand allez-vous visiter le parc?'. A message at the bottom says 'Press and hold Ctrl + Spacebar to speak or type a message'.



MS Translator – Interpretation



MS Translator – Interpretation



11th Tradition RE-RE-WARNING!! Speech-to-text

Google Translate acquires ownership of any information that it translates under its official terms and conditions; other platforms may have the same issue.

- Anonymity risks
 - Transcripts are easily uploaded to the internet and become searchable.
 - Last names are very interesting to machine translation researchers.

Moral of the Story: Advise your speakers NOT to give their last names nor those of living members

What you can do to help

Techies:

- Write the code for a collaborative glossary that can reconcile differences
- Wrangle the APIs to integrate our glossaries, style guides & translation memory
- Help your Multilingual Committee as they figure out how they can use technology to better serve the non-English speakers

Multilinguals:

- Gather accurate translations for the translation memory
- Identify inaccurate translations to exclude from the database
- Contribute to review efforts
 - Documents that have been through machine translation
 - Glossaries
 - Literature

What you can do to help

Agenda Item, Motion & Report Submitters:

- Submit accurate translations in all the appropriate languages
 - For the GSC, submit in English, French & Spanish
 - For your Area, submit in all its languages

Reviewers & Collaborators:

- Use cloud storage and collaborative documents so that efforts aren't wasted because team members are working on different versions of the same document
 - Consider Google for Non-profits if you don't have another solution

What you can do to help

Everyone:

- Spread the word that language technology & pricing has come a long way in the last decade
- Encourage your Area to team up with other Areas on Glossary development & translation efforts
- Reach out to fellow alcoholics who don't speak English
- If you can't produce accurate translations, submit docs to your Multilingual Committee far enough in advance that they don't have to scramble
- Support Area and District efforts to achieve better translations
 - Tell your Delegate you care
 - Be quiet during interpretation
 - it makes a lot of difference!

Everyone:

- If you can't produce accurate translations, submit docs to your Multilingual Committee far enough in advance that they don't have to scramble
- Support Area and District efforts to achieve better translations
 - Tell your Delegate you care
 - Be quiet during interpretation
 - it makes a lot of difference!



The Big Book is currently published in more than
90 languages with
more in progress

AAWS publishes in 100+
languages counting all
literature

Let's carry an
accurate message
to everyone

without breaking the bank

A
&
Q

Even more Questions?

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Thank you