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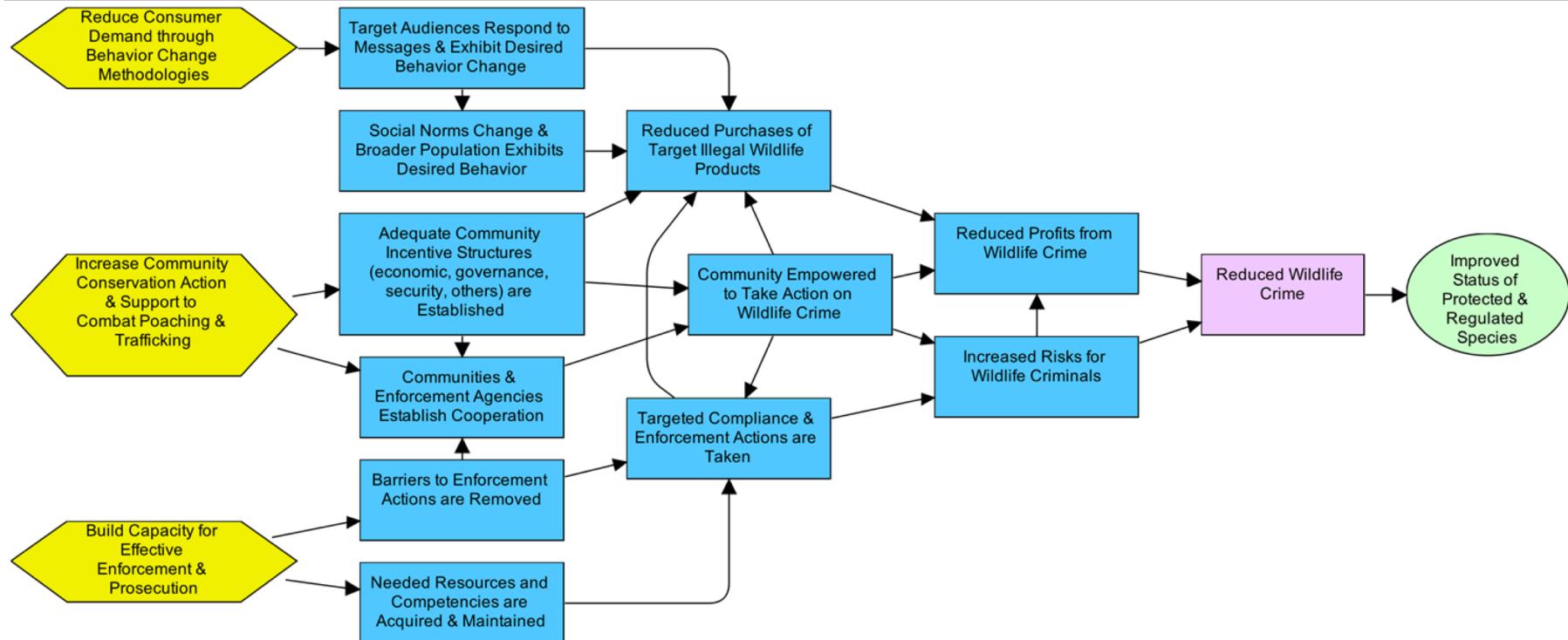
## DIGITAL APPROACHES TO DEMAND REDUCTION: RECENT RESULTS FROM THE FIELD

—  
USAID Wildlife Asia, World Wildlife Fund, and WildAid

Joint Webinar for USAID Combating Wildlife Trafficking  
Learning Group and World Bank Global Wildlife Program

September 18th (Asia), 2019  
September 17th (US), 2019

# USAID's CWT THEORY OF CHANGE



# USAID's CWT LEARNING AGENDA QUESTIONS:

*Reduce Consumer Demand through Behavior Change Methodologies*

**Guiding question: What does effective demand reduction look like?**

- What is the effect of reducing supply of illegal wildlife products as a consumer demand reduction strategy?
- What are the most appropriate metrics and methodologies for monitoring demand reduction activities, especially the link between attitudes and behavior change?
- Are certain messaging strategies more effective than others (i.e., positive messaging, messaging with enforcement information, etc.)?

# TODAY'S SPEAKERS

**Eleanora De Guzman**  
USAID Wildlife Asia



**Sunny Patel**  
Trends Digital



**David Garcia Cumplido**  
Trends Digital



# TODAY'S SPEAKERS

**Jan Vertefeuille**  
WWF US



**Anny Liang**  
WWF China



# USAID WILDLIFE ASIA

## Objective 1

Reduce consumer demand through social and behavior change communication (SBCC)



## Objective 2

Strengthen Regional Law Enforcement Capacity and Coordination



## Objective 3

Improving regional action to reduce wildlife crime in ASEAN and China



Increase commitment to addressing CWT  
(Legislation, Environmental Jurisprudence)



Project Duration: 2016-2021

PRIME: RTI

SUB-CONTRACTORS:

FHI 360

IFAW

Freeland

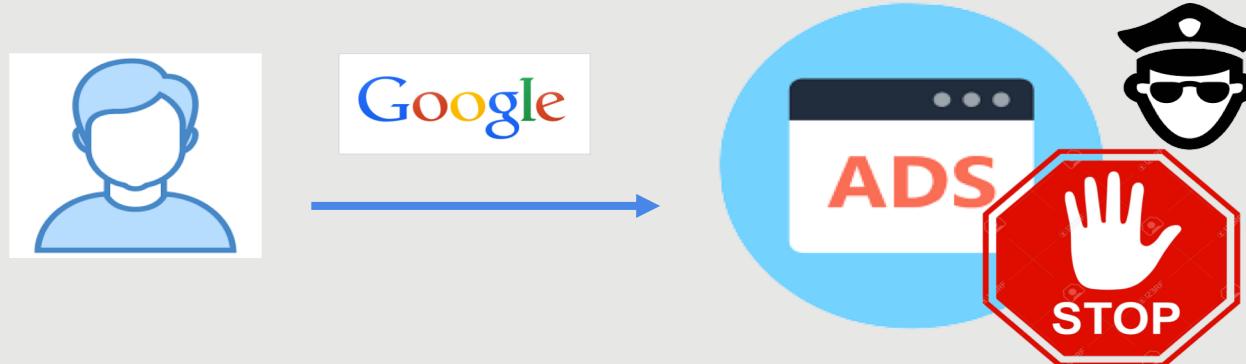
TRAFFIC

CCN

Project Office: Bangkok, Thailand

# DIGITAL DETERRENCE CAMPAIGN - Thailand:

- Thailand consumer research (USAID Wildlife Asia 2018) revealed consumers go online to seek information and/or purchase wildlife products
- Innovative pilot digital marketing campaign to deter purchase of illegal wildlife products among potential online buyers using google.
- Google deterrence ads to increase perception of risk among those who go online with a sense of comfort and anonymity.
- Ads create a hostile, uncomfortable, “risky” online trading environment to prevent potential buyers from pursuing their purchase.

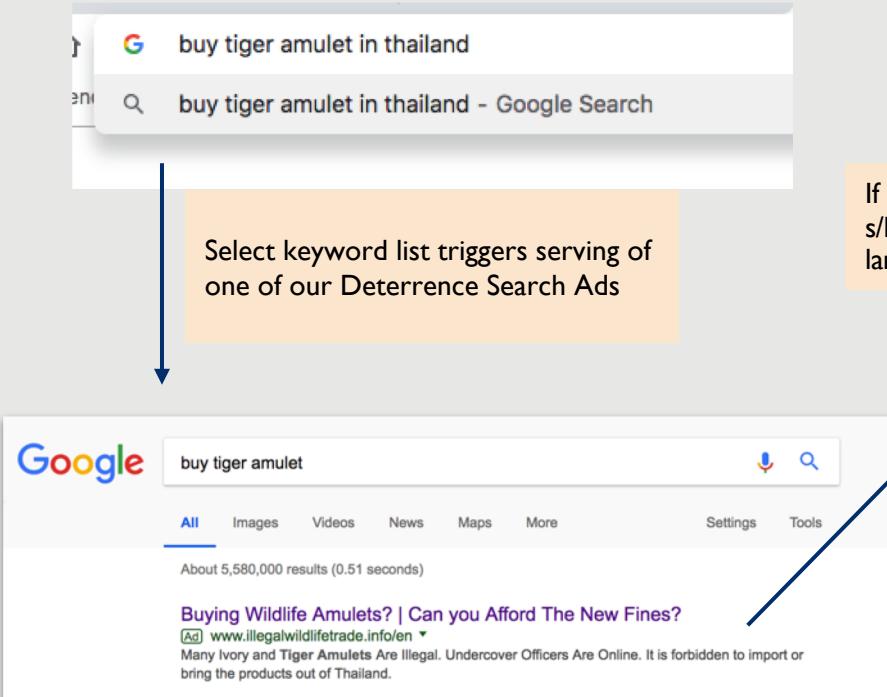


## DIGITAL DETERRENCE CAMPAIGN:

- Partnership with Department of National Parks, Wildlife and Plant Conservation (DNP), Thailand.
- In 4 languages (Thai, English, Chinese, Vietnamese) using 4 message concepts.
- Digital analytics to monitor results and trackers.
- Implemented from August 4, 2018 to March 15, 2019.



# HOW IT WORKS



If a user clicks,  
s/he goes to  
landing page

Here we track events,  
such as clicks to learn  
more, call hotline or  
sending a message to  
DNP

The landing page has a header "illegalwildlifetrade.info/en & /th". It features a "WARNING!" section with text about monitoring online trade in illegal wildlife. Below this are sections for "Why am I being monitored?", "Protected wildlife products may include common amulets, jewelry and decorative items", and "This is wrong, I want to help". It includes a "View controlled items: Find out more" button, a "Call our hotline 1362" button, and a "Send us a message" button. The page is footered with USAID and other logos.

illegalwildlifetrade.info/en & /th

**WARNING!**

THE CONTENT YOU ARE READING FOR AND BE PROMOTED BY  
Government authorities across South East Asia are now  
monitoring the online trade in illegal wildlife. You may not  
buy, sell or trade illegal wildlife parts or products in this  
country.

Why am I being monitored?

It is a CRIME to buy protected wildlife and wildlife products under Thai law.  
Enforcement agencies are monitoring the illegal online trade of protected species.

1. Buyers can only buy legal ivory from the certified areas from Department of National  
Parks, Wildlife and Plant Conservation.  
2. Sellers who sell ivory products must have certification to verify that the ivory is  
legal.  
3. Sellers who ever ivory exceeding the amount permitted by law must register their products  
with Department of National Parks, Wildlife and Plant Conservation.  
4. It is forbidden to import or bring the products out of Thailand.

Protected wildlife products may include common amulets, jewelry and decorative items

**View controlled items: Find out more**

This is wrong, I want to help

Have you been offered illegal wildlife, or wildlife parts or products? Have you seen illegal wildlife, or wildlife parts or products? Reporting illegal  
trade helps protect legal trade

**Call our hotline 1362** **Send us a message**

USAID



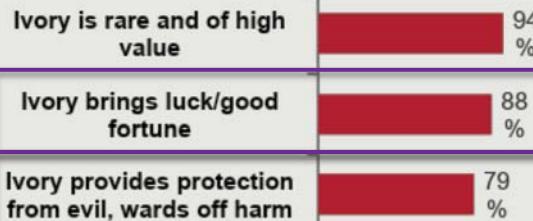
# GOOGLE ADS USED DATA ON PURCHASE DRIVERS & CONCERNS: THAILAND CONSUMER RESEARCH, USAID WILDLIFE ASIA 2018

Among those who bought parts and/or products in the past 3 years



Elephant

## Top 3 benefits Ivory purchasers

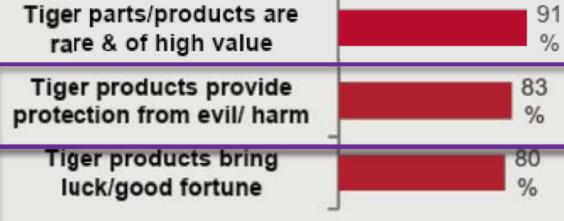


## Top 3 concerns Ivory purchasers



Tiger

## Top 3 benefits Tiger purchasers/ users



## Top 3 concerns Tiger purchasers/ users



## CAMPAIGN FORMAT:

- 4 key Message Concepts with corresponding Google ads
  - Concept 1: “Searching for you”
  - Concept 2: “Searching for Bad Luck”
  - Concept 3: “Can you afford the Fines”
  - Concept 4: “Official Alert”
- Each concept executed in 4 languages: Thai, English, Chinese and Vietnamese.
- All 4 key species – Elephant (Ivory), Pangolin, Rhino and Tiger targeted using Paid Google search ads and Search Engine Optimization (SEO)

# 4 CREATIVE CONCEPTS – SAMPLE GOOGLE ADS

Searching For Illegal Ivory? - Then We're  
Searching For You  
**Ad** [www.illegalwildlifetrade.info](http://www.illegalwildlifetrade.info)

Trade In Trafficked Ivory Is Illegal. Undercover  
Officers Are Online.

Buying Amulets? - Don't Buy Bad Luck  
**Ad** [www.stopillegalwildlifetrade.org](http://www.stopillegalwildlifetrade.org)

Tiger Amulets Are Illegal. Undercover Officers Are  
Online.

Buying Wildlife Amulets? - Can You Afford  
The New Fines?  
**Ad** [www.stopillegalwildlifetrade.org](http://www.stopillegalwildlifetrade.org)

Many Elephant and Tiger Amulets Are Illegal.  
Undercover Officers Are Online.

\*OFFICIAL ALERT\* - You Are Being  
Monitored  
**Ad** [www.stopillegalwildlifetrade.org](http://www.stopillegalwildlifetrade.org)

OFFICIAL WARNING from Thai Authorities, Your  
Search Has Triggered An Alert.

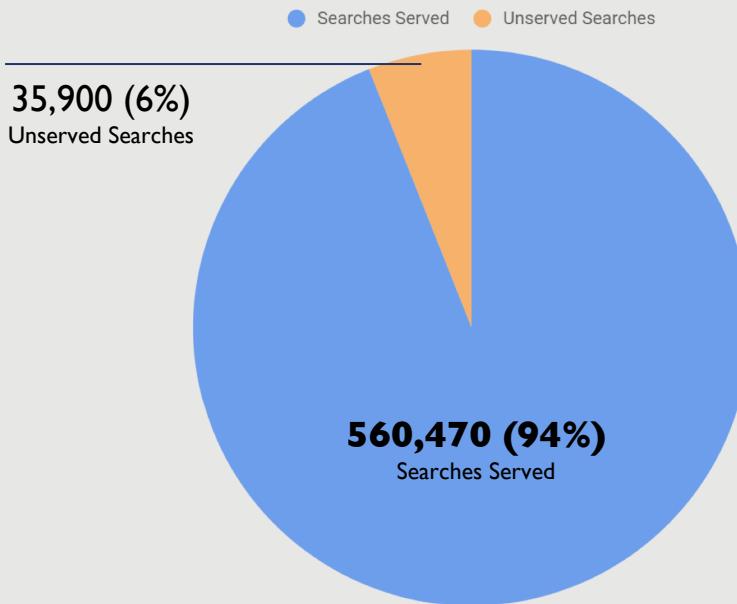
# SUMMARY RESULTS (AUG 4 2018 - MARCH 15 2019)

- Ran for **223 Days** Thailand **Google Search** is the dominating search platform with **+90%** share. Used **Google in its opposite** format & structure (Instead of PPC, we were looking at Impressions of message)
  - Abided by **all privacy regulations**
  - **Over half a million impressions** at low cost
- Geolocation **focused on Thailand** with **Thai (89%)**, **English (10%)**, small pilots on Chinese and Vietnamese languages (incl. of search terms & served ads).
- **Average ~2.6K Searches / Day** over **223** day campaign. Tracked **596K** keyword searches in Google.
- **Ivory** searches dominated (**>90%**) followed by **Rhino (5%)** and **Tiger (3.5%)**
- Largest search demographic is ages **25-44 years (39.1%)**, **Male (44%)** and **Metropolitan (>90%)**
- **Lower Income** linked with **Thai searches** & conversely **Top Income Bracket** highest for **English** searches
- **Mobile platform** significantly used to conduct searches at (**~80%**)
- Search **highly cost-effective** with **50% below market average CPM** (costs)
- Multiple “Phases” with ongoing adjustments & optimizations resulting in a **scalable learnings for Phase 2** with **cost-effective strategies for impact and unexpected positive consequences**

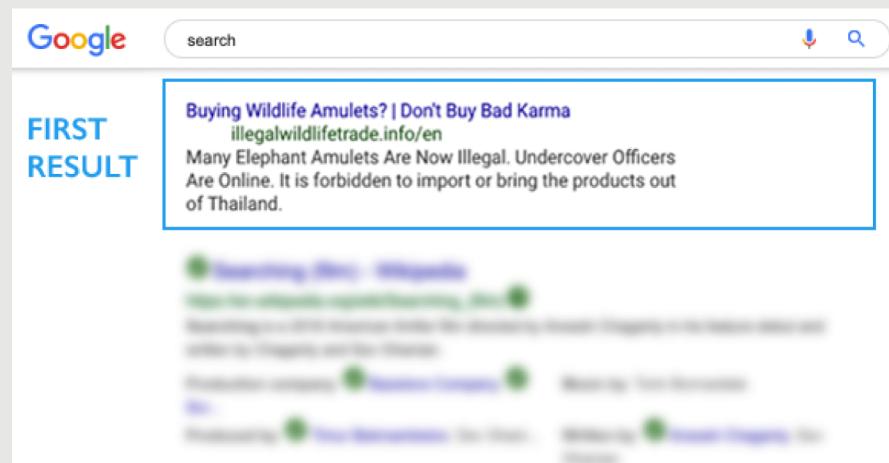


# RESULTS

- **Total of 596,370 keyword searches in Google tracked and 560,470 searches were served the our Deterrence Ads resulting in 94% of total search share.**

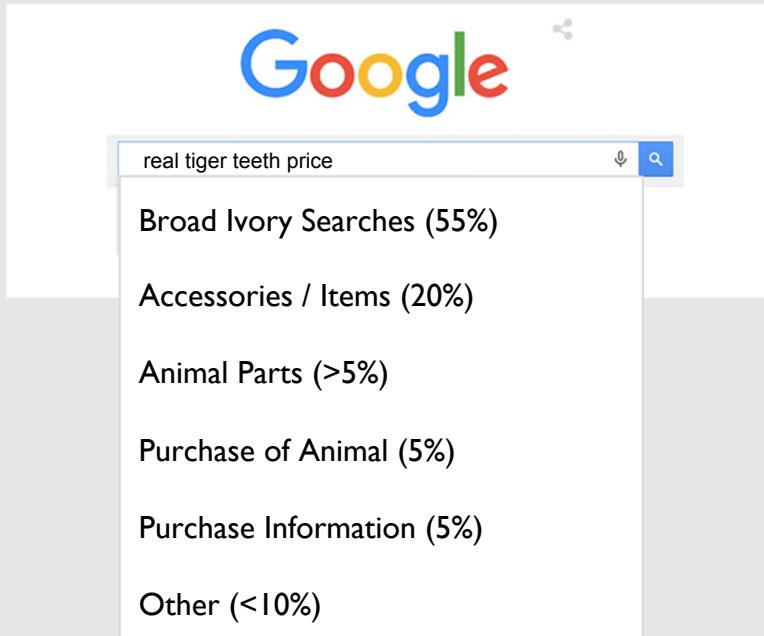


We ranked on **first position** on average over campaign period, resulting in high visibility



# RESULTS

## Most common Search Terms in English\*



### Broad Ivory Searches (50%)

*ivory, what is ivory used for, ivory types, is ivory legal, etc.*

### Accessories / Items (20%)

*tiger amulet, tiger tooth fang, ivory caps, ivory necklace, ivory seals, tiger tooth necklace, etc.*

### Animal Parts (>5%)

*pangolin scales, tiger teeth, rhino horn, tiger fang, black ivory tusk, etc.*

### Purchase of Animal (5%)

*tiger for sale, real baby tiger for sale, buy elephant, etc.*

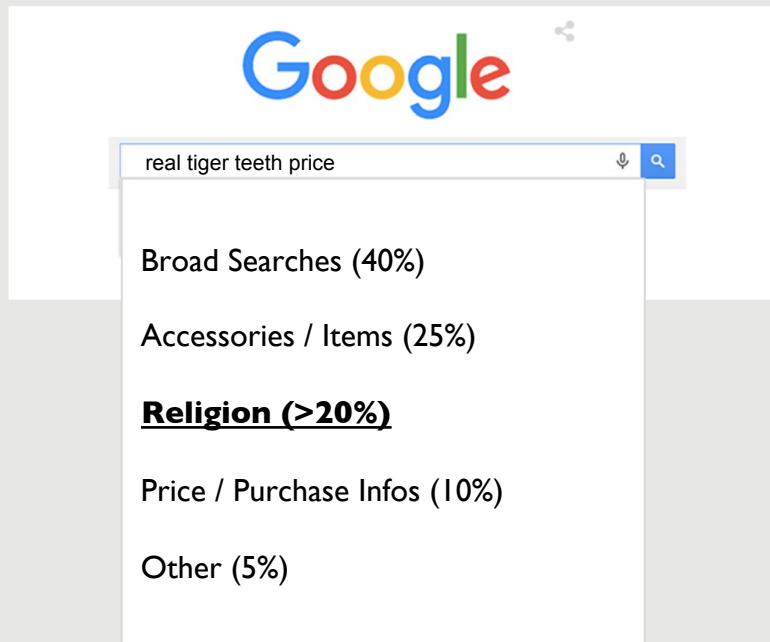
### Product / Purchase Information (5%)

*real tiger teeth price, ivory mahout real or fake, how do you tell ivory from bone*

\*Please note, these are top-level estimate percentages based on data filtered and reviewed to-date

# RESULTS

## Most common Search Terms in Thai\*

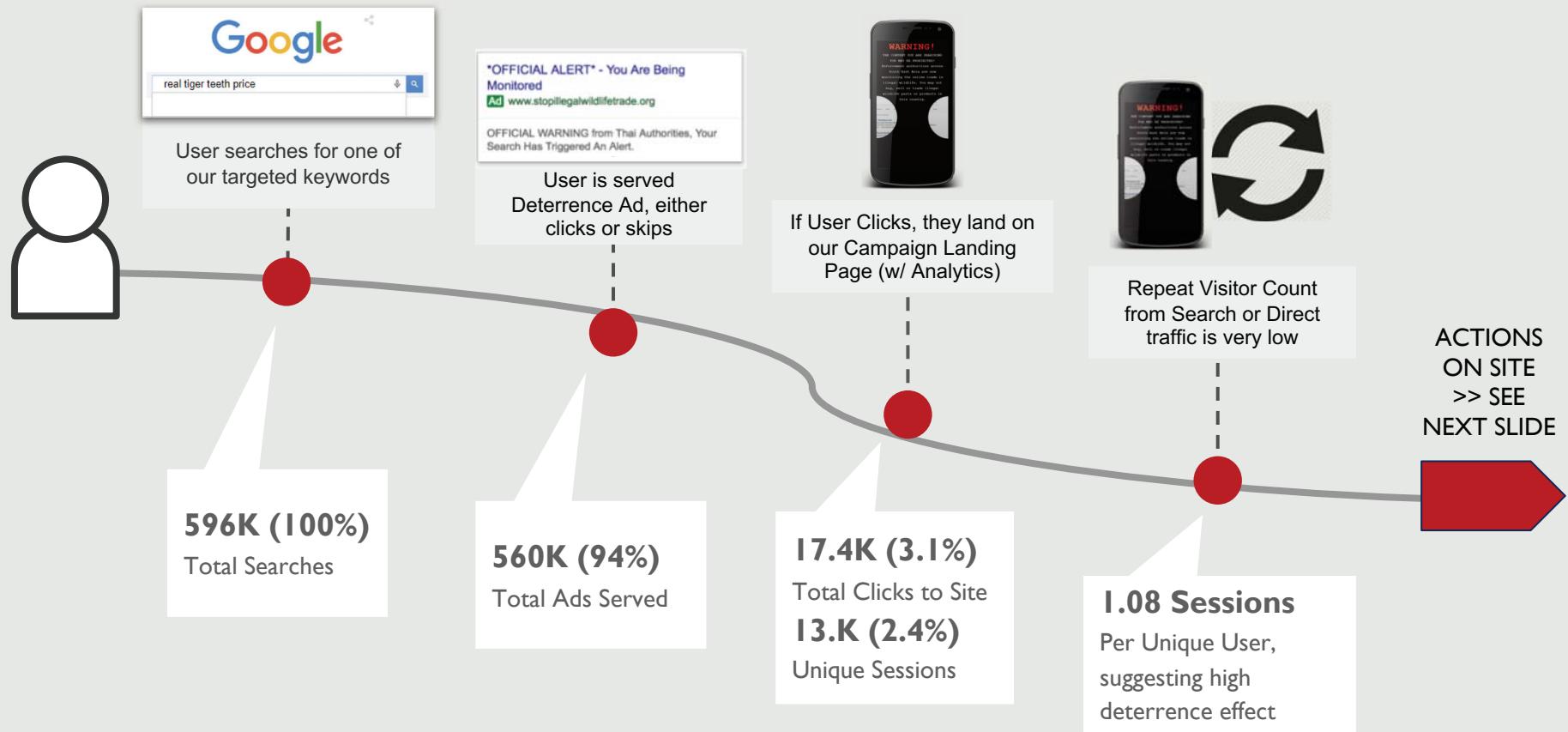


## Top-level key differences to English

- Thai language searches have a higher proportion of accessory and product specific queries
- **High count of religious / belief / luck related search terms (at times belief inferred into type of product)**
- **Searches for different types of Ivory that have a different belief or impact purpose (for luck, power, fortune) also including type of end-product (amulet, bracelet, etc.)**
- **Authenticity, rarity, pattern related service queries are common and hint at informed consumer audiences (very rare in English searches)**
- Law queries regarding legality & registration were found

\*Please note, these are top-level estimate percentages based on data filtered and reviewed to-date

# RESULTS

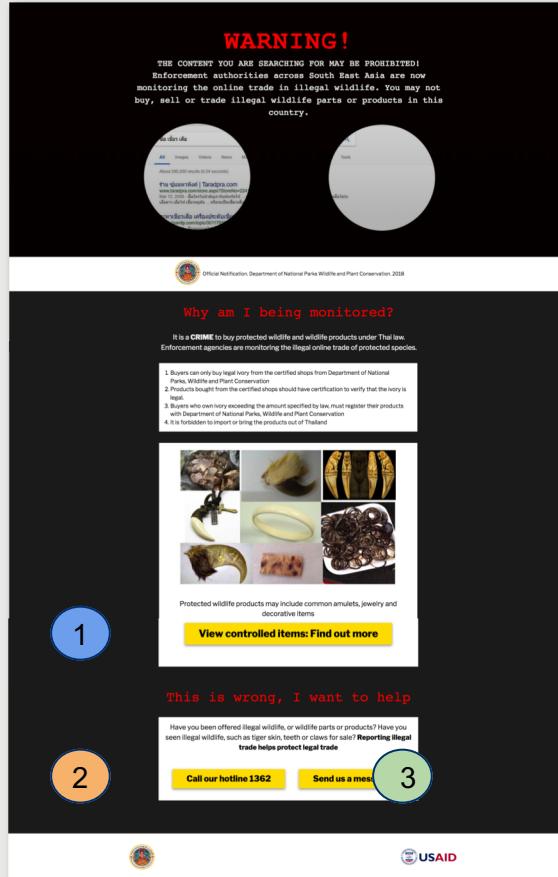


# RESULTS

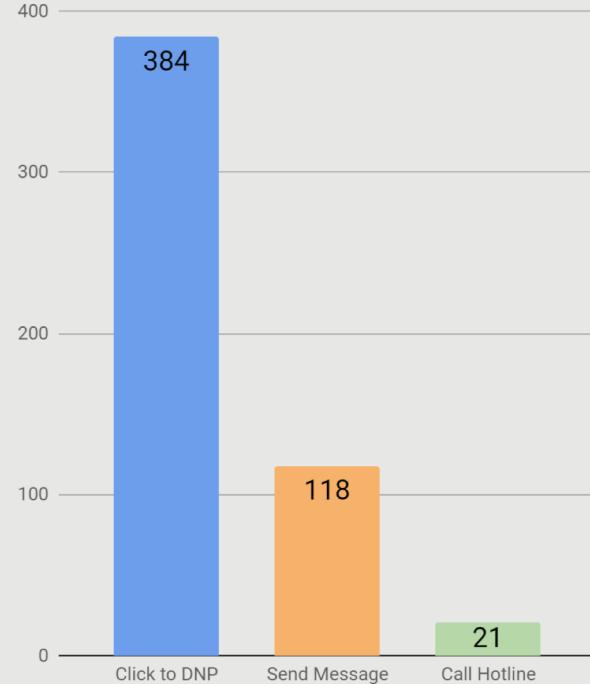
**Users landing on the landing page were offered 3 paths of action:**

- 1) Click to DNP Page to learn more
- 2) Inform / Send a message about infractions
- 3) Call Hotline

Total of **523 positive actions** were measured, equaling 3% of total 17,410 sessions



User Actions on Page



# ADDITIONAL LEARNINGS



- **Searches in Vietnamese and Chinese low for Google Search Platform > Vietnamese ads and Chinese ad buys terminated on Jan 17 and Feb 5, respectively.**
- **Search Terms in detail reveal additional information about online behavior** but require in-depth review since large dataset
- **“Searching for You”** Ad had lowest Click-Rate (to landing page), suggesting highest potential deterrence effect, followed by **“Official Alert”**.
- **No seasonality identified** during campaign timeframes (223 days)
- With multiple adjustments (ad bidding, blacklisting, new search term inclusions, etc.) we now have an **optimized and scalable campaign model** for Google Search

# PLANNED NEXT STEPS

- “**Clean out**” our database of Unique Ad Ids (privacy regulations followed) and help stratify **high intent users vs the educational, researchers, etc.**
  - A) **Run Online Survey** on information from both groupings and gather intel
  - B) Will use **A/B/C Ad types** allowing groups to choose their path such as opt-out and sign Pledge as one example (messages aligned with Ivory and Spiritual Beliefs messages)
    - Green messaging **positive and supportive**, learn more, take action
    - Amber message reminding that we are **still here and amplify the pressure** to stop or repercussions (exact messaging TBC)
    - **RED:** Retargeting searchers with **sustained purchase intent** with Deterrence Messaging- **Follow the users outside of their illicit search**
- Other items:
- Expand deterrence messages and **scale campaign framework to additional social channels** and develop an **optimized cross-channel** campaign model
- Dark web fishing (TBC)



# WWF TRAVEL IVORY FREE CAMPAIGN

**Target:** Chinese outbound tourists in popular SE Asia destinations during biggest travel periods.

**New approach:** Digital precision marketing to reach travelers in real time while at key purchase decision points and near open ivory markets.

**Bolstered with:** On-the-ground activities to engage travelers in tourist locations; partners included travel industry.



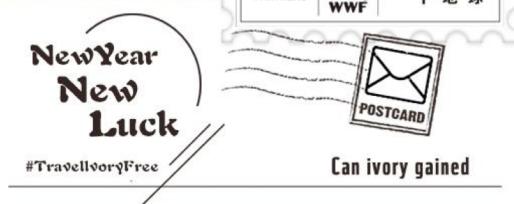
# BACKGROUND

- **Key demographic:** Regular outbound travelers are the consumer group most interested in continuing to buy ivory despite a ban on ivory sales in China.
- **Top foreign destinations:** Thailand is the No. 1 foreign destination for Chinese travelers where ivory is still widely available; Vietnam is also a popular destination.
- **Biggest travel periods:** Lunar New Year in Feb and Golden Week in Oct are the top outbound travel seasons for Chinese tourists.

# RESULTS

- **101 million:** Times campaign messages were viewed and shared
- **2 million:** Pledges taken to travel ivory free
- **622,000:** Minimum number of Chinese nationals engaged on the ground in Thailand and Vietnam during Lunar New Year





from poaching really bring your new year good luck

and fortune?



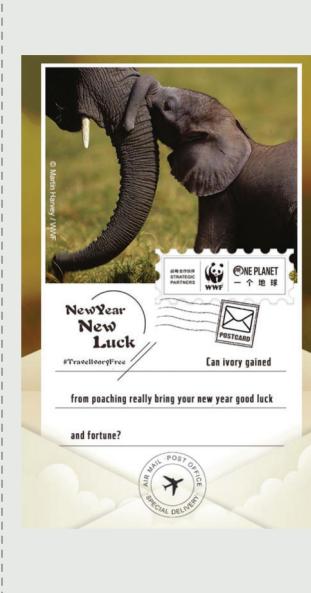
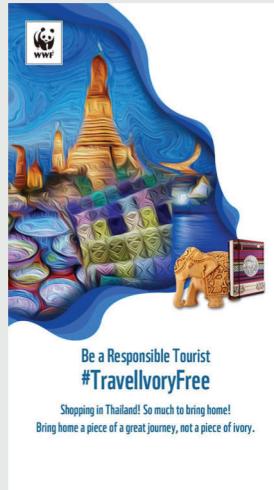
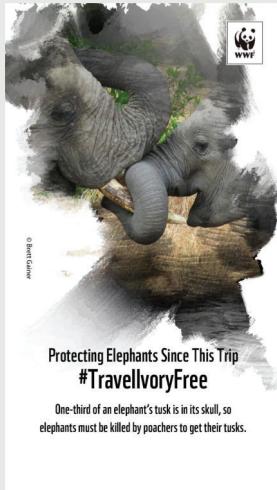
# ONLINE OUTREACH

## Campaign materials:

- Social posts w/ 3 messages
- Public pledge
- Blog post

# MESSAGE TESTING

**Themes:** illegality, elephants, responsible traveler, gifting



2018.10 Golden Week  
2019.02 Lunar New Year

# PRECISION MARKETING

## I) GPS-enabled technology at key decision points in Thailand & Vietnam

		
I) Number of users traveled to the country in February	299,769	89,130
2) Number of users reside in the country	147,534	85,769
3) Number of users in real-time locations at airports or tourist attractions	153,282	77,451
Note: 1) and 2) are exclusive groups, while 3) might overlaps with either 1) or 2)		

# PRECISION MARKETING

## I) GPS-enabled technology at key decision points in Thailand & Vietnam

Destination City in Thailand	Monthly Active Users in February	Airport	Tourist Attractions	Shopping Destinations
Bangkok	221,879	Suvarnabhumi International Airport (BKK) Don Mueang International Airport (DMK)	Grand Palace Erawan Shrine Bangkok Chatuchak Khao San Road Asiatique The Riverfront Sea Life Bangkok Wat Phra Kaew	Siam Square Central World Plaza Central Chidlom Chatuchak Weekend Market King Power Duty Free Shop – Bangkok Downtown
Phuket	169,261	Phuket International Airport (HKT)	Racha Island Patong Beach Phuket Town Kata Beach Promthep Cape Phuket Zoo Karon View Point	Jungceylon Shopping Mall Central Festival Phuket King Power Duty Free Shop – Phuket Downtown Banzaan Fresh Market Boots
Chiang Mai	94,993	Chiang Mai International Airport (CNX)	Wat Phra That Doi Suthep Chiang Mai Night Safari Nimmanhaeminda Road Wat Chedi Luang Wat Phra Singh Mae taeng Elephant Park Chiang Mai Provincial National Museum	Maya Lifestyle Shopping Center Central Festival Chiangmai Saturday Walking Market
Pattaya	77,734	U-Tapao Rayong-Pattaya International Airport (UTP)	Pattaya Beach Nong Nooch Tropical Garden The Sanctuary of Truth Teddy Bear Museum Wat Yansangwararam	Central Festival Pattaya Beach Pattaya Floating Market King Power Duty Free Shop – Pattaya Downtown Central Marina Royal Garden Plaza Pattaya Boots (Royal Garden Pattaya)
Koh Samui	49,243	Samui Airport (USM)	Hat Chaweng Hin Ta & Hin Yai Rocks Ang Thong National Marine Park Lama Beach Nam Tok Na Muang I Na Muang Safari Park	Central Festival Samui Chaweng Walking Street Tesco Lotus Lamai Fisherman's Night Market
Krabi	27,226	Krabi International Airport (KBV)	Ao Nang Beach Railay Beach Krabi Town Ko Lanta Emerald Pool Ko Phi Phi Island Loh Samah Bay	Krabi Outlet Vogue Mall Krabi Fresh Market
Phi Phi Island	9,004	—	Monkey Beach Ko Mai Phi Island Maya Bay Lover Beach	Ton Sai Bay
Pai	5,192	—	Coffee in Love Memorial Bridge Mari Pai Resort The Heart of Pai Resort Sunflower Valley	piece of pai boutique Pai Walking Street
Chiang Rai	2,233	Chiang Rai International Airport (CEI)	Wat Rong Khun Baan Dam Singha Park Oub Kham Museum Chiang Saen	Boots (Chiangrai) Mueang Chiang Rai

# PRECISION MARKETING

## 2) user behavior/interest targeting



**#Travel to Thailand#**  
View 560 million; Comments 521k



**#Thailand Trip#**  
View 290 million; Comments 243k



**#Thailand Self-guided Tour#**  
View 58.3 million; Comments 81k



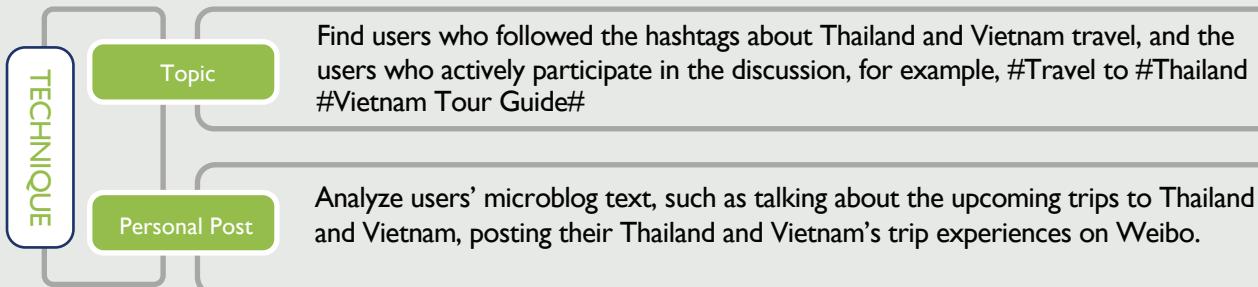
**#Travel to Vietnam#**  
View 97 million; Comments 75k



**#The Vietnam You Don't Know#**  
View 6.24 million; Comments 86k

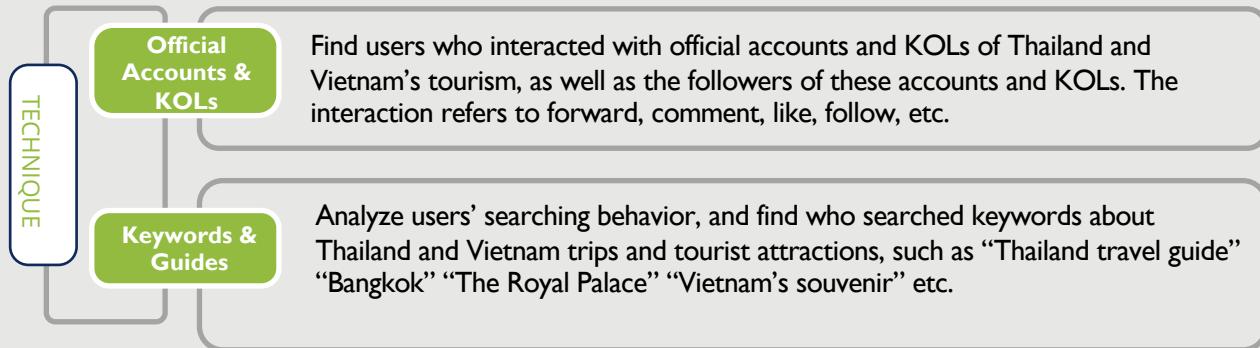


**#Vietnam Tour Guide#**  
View 30 million; Comments 24k



# PRECISION MARKETING

## 2) user behavior/interest targeting



# PRECISION MARKETING

## 3) social media influencer engagement

- 10 travel companies and 3 industry associations
- Celebrities and key opinion leaders (KOLs)
- Many other official accounts of govt, public welfare, wildlife, radio, etc.



### TRAVEL COMPANIES .....

1. TRIP ADVISOR .....
2. QYER.COM .....
3. CHINA YOUTH TRAVEL SERVICE .....
4. ABERCROMBIE & KENT .....
5. MEKONG GROUP .....
6. KHIRI TRAVEL .....
7. YAANA VENTURES .....
8. MEKONG TOURISM / CHAMELEON STRATEGIES .....
9. EXO TRAVEL .....
10. ANURAK LODGE .....

### TRAVEL ASSOCIATIONS .....

11. PATA (PACIFIC ASIA TRAVEL ASSOCIATION) .....
12. GSTC (GLOBAL SUSTAINABLE TOURISM COUNCIL) .....
13. ATTA (ADVENTURE TRAVEL TRADE ASSOCIATION) .....

### AIRLINES .....

14. HAINAN AIRLINES .....

### CELEBRITIES & KOLS .....

15. LEONARDO DiCAPRIO & LEO'S CHINA NET .....
16. BONNIE CHEN (MODEL) .....
17. CELINA JADE (ACTRESS) .....
18. YUAN FUFU (ACTOR) .....
19. SONG YANG (ACTOR) .....
20. ERIC HSIAO (ACTOR) .....

### OFFICIAL ACCOUNTS .....

21. US EMBASSY & CONSULATES .....
22. XINGGUANG PUBLIC WELFARE ASSOCIATION .....
23. SINA MICRO PLATFORM FOR PUBLIC WELFARE .....
24. WEIBO REAL ESTATE NEWS .....
25. TRAFFIC .....
26. HIMALAYA FM .....
27. WILDLIFE TRAFFICKING ALLIANCE/WORLD ASSOCIATION OF ZOOS AND AQUARIUMS .....
28. FORFANG THAILAND .....

# EXPOSURE OF MESSAGES



# CAMPAIGN ENGAGEMENT PROFILE:

Analysis of 374,000 Weibo users who engaged thru geolocation



mostly use iPhones



Like to travel to TH, JP, VN, MY, S. Korea



most born after the 1990s



mostly single women



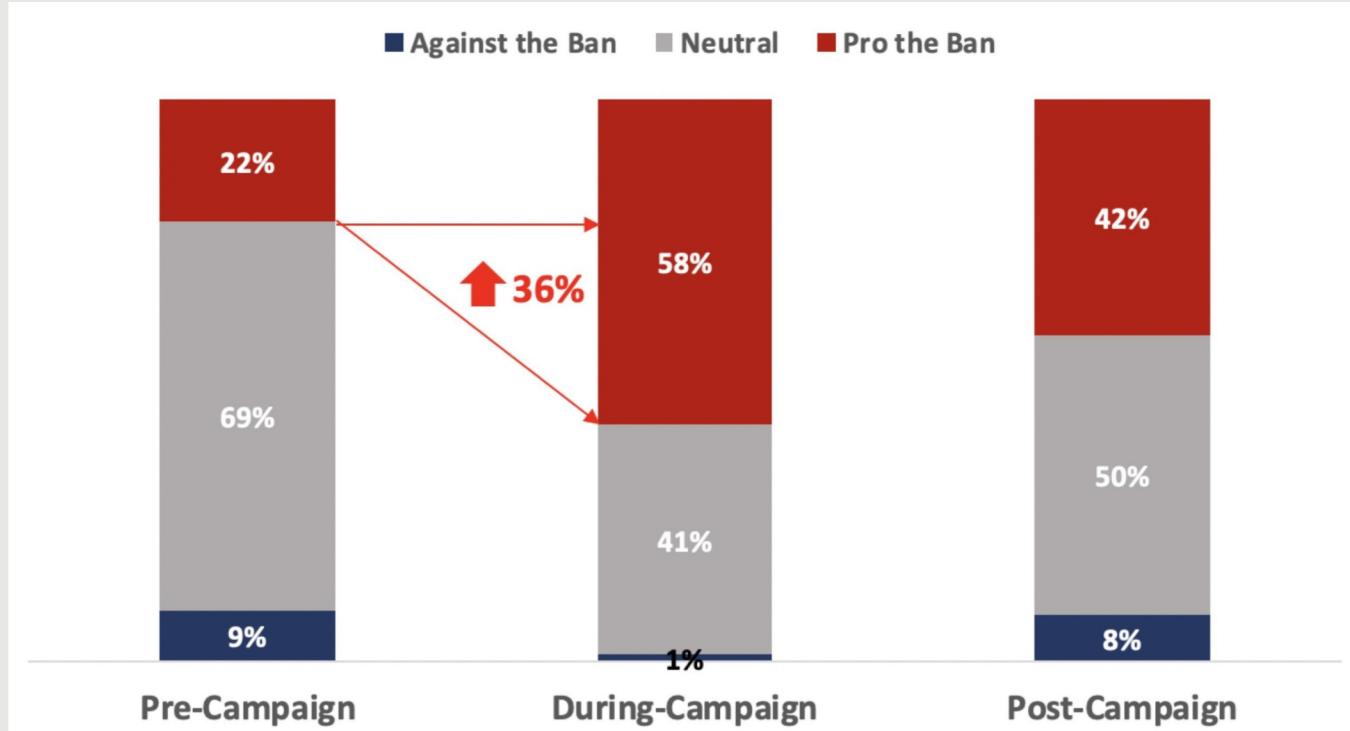
most from SME (Small and Medium Enterprises)



most have bachelor's degree or above



# SOCIAL LISTENING: SENTIMENT ON IVORY BAN





## PHYSICAL ACTIVITIES

# ON ARRIVAL ...

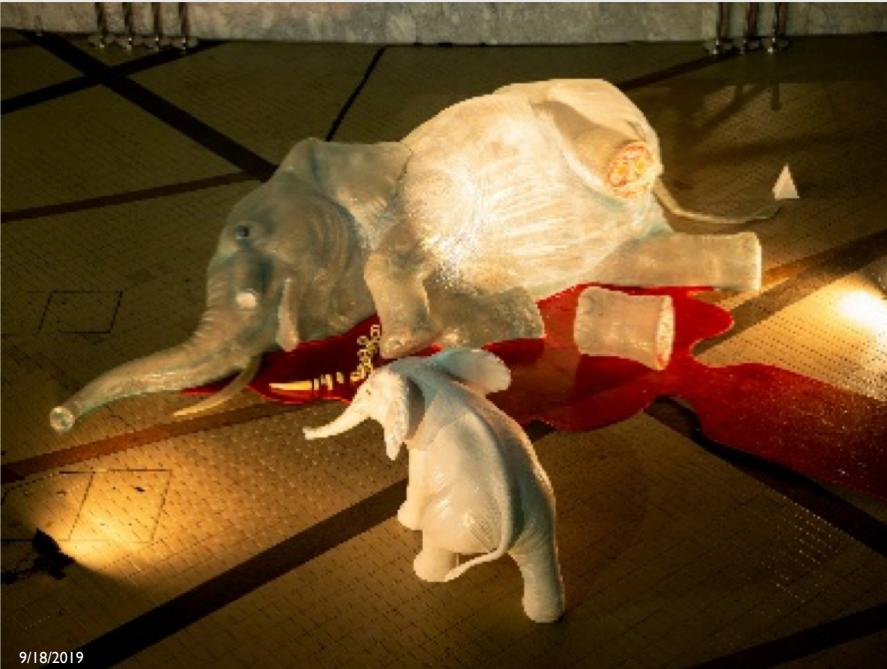


# SOUVENIR POP-UP MARKET



# ELEPHANT SCULPTURE EXHIBIT

Award-winning artist Wasinburee Supanichvoraparch created original art installation for campaign at Bangkok Art Culture Center in high-traffic tourist area



# AIRLINES



- Travel Ivory Free announcement on 35+ CN-TH and CN-VN flights
- Social Media posts
- 1500+ souvenirs distributed to passengers on CN-TH flights
- In-flight magazine article



## KEY FINDINGS

- Campaigns were most successful at engaging young, professional women.
- Precision marketing is a powerful, cost-effective way to reach specific audiences in specific locations.
- Target audience is more likely to engage in and share campaign activities on social media that tie into their holiday mood.
- Reach of campaign is easy to measure; impact is more challenging and various approaches are being explored.
- Regardless of other tactics, using celebrities and influencers increases engagement.

# UPCOMING GOLDEN WEEK CAMPAIGN



Next Travel Ivory Free campaign runs from 26 Sept. through 7 Oct.

We welcome your support!

Campaign package:

[https://www.dropbox.com/sh/9ekpvt3usqvgz5/AACswI\\_8HpqSJDQFMIolaJWla?dl=0](https://www.dropbox.com/sh/9ekpvt3usqvgz5/AACswI_8HpqSJDQFMIolaJWla?dl=0)

# PARTNER SUPPORT



# DISCUSSANT

**John Baker**  
WildAid



# QUESTIONS & ANSWERS

USAID E3/FORESTRY AND BIODIVERSITY  
Combating Wildlife Trafficking  
COLLABORATIVE LEARNING GROUP



PHOTO: USAID

# TOOLS AND RESOURCES

- CWT Learning Group Site: <https://rmportal.net/combating-wildlife-trafficking>
- CWT Learning Agenda: <https://rmportal.net/combating-wildlife-trafficking/learning-agenda>



USAID E3/FORESTRY AND BIODIVERSITY  
**Combating Wildlife Trafficking**  
COLLABORATIVE LEARNING GROUP



[Learning Agenda](#)

[Wiki Knowledge Base](#)

[Documents](#)

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USAID has a long history of support for efforts to combat wildlife trafficking (CWT). These efforts are currently being prioritized due to a dramatic increase in the volume and scope of the threat in recent years and the February 9th, 2017 Executive Order on enforcing federal law with respect to



Search this Site

# THANK YOU!

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Eleanora De Guzman, Team Lead, SBCC, [eleanora.deguzman@usaidwildlifeasia.org](mailto:eleanora.deguzman@usaidwildlifeasia.org)

Megan Hill, Environment Protection Specialist, Office of Forestry and Biodiversity, [mhill@usaid.gov](mailto:mhill@usaid.gov)

Jan Vertefeuille, Senior Director of Advocacy, WWF US, [Jan.Vertefeuille@wwfus.org](mailto:Jan.Vertefeuille@wwfus.org)

Anny Liang, Demand Reduction Specialist, WWF China, [yliang@wwfchina.org](mailto:yliang@wwfchina.org)

John Baker, Chief Program Officer, WildAid, [baker@wildaid.org](mailto:baker@wildaid.org)

