



UN Global Platform

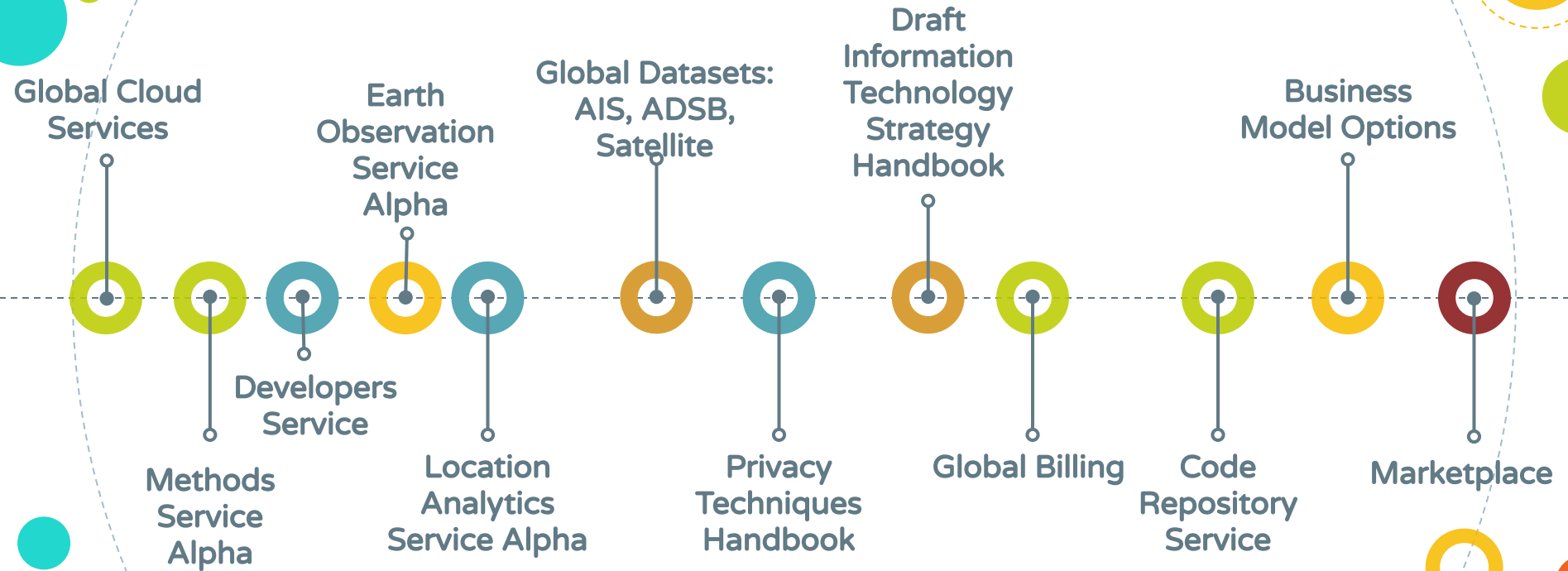
Mark Craddock

#UNGlobalPlatform

@mcraddock

@UNBigData

Achievements – March '19



Marketplace

**Earth
Observation
Service**

**Satellite
Imagery**

**Location
Analytics
Service**

**Global
Billing**

ADS-B

**Trusted
Methods
Service**

**Online
Community**

**Developers
Service**

AIS

**AI/ML
Ready**



Live Services

- ◎ Trusted Methods Library/Service
 - ◎ <https://methods.officialstatistics.org>
- ◎ Earth Observation Service
 - ◎ <https://eo.officialstatistics.org>
- ◎ Location Analytics Service
 - ◎ <https://location.officialstatistics.org>
- ◎ Marketplace
 - ◎ <https://marketplace.officialstatistics.org/>



Live Services

© Jupyter Service

- <https://jupyter.officialstatistics.org>

© Operations Service

- <https://operations.officialstatistics.org>

© Helpdesk Service

- support@officialstatistics.zendesk.com

AI/ML Ready

AI/ML Ready

- ◎ Earth Observation Service (Joe)
 - ◎ Train Machine Learning Models
 - ◎ Analyse Satellite Imagery
- ◎ Methods Service (Joe/Joni)
 - ◎ Deploy and manage machine learning models
 - ◎ API enable machine learning models



Online Community



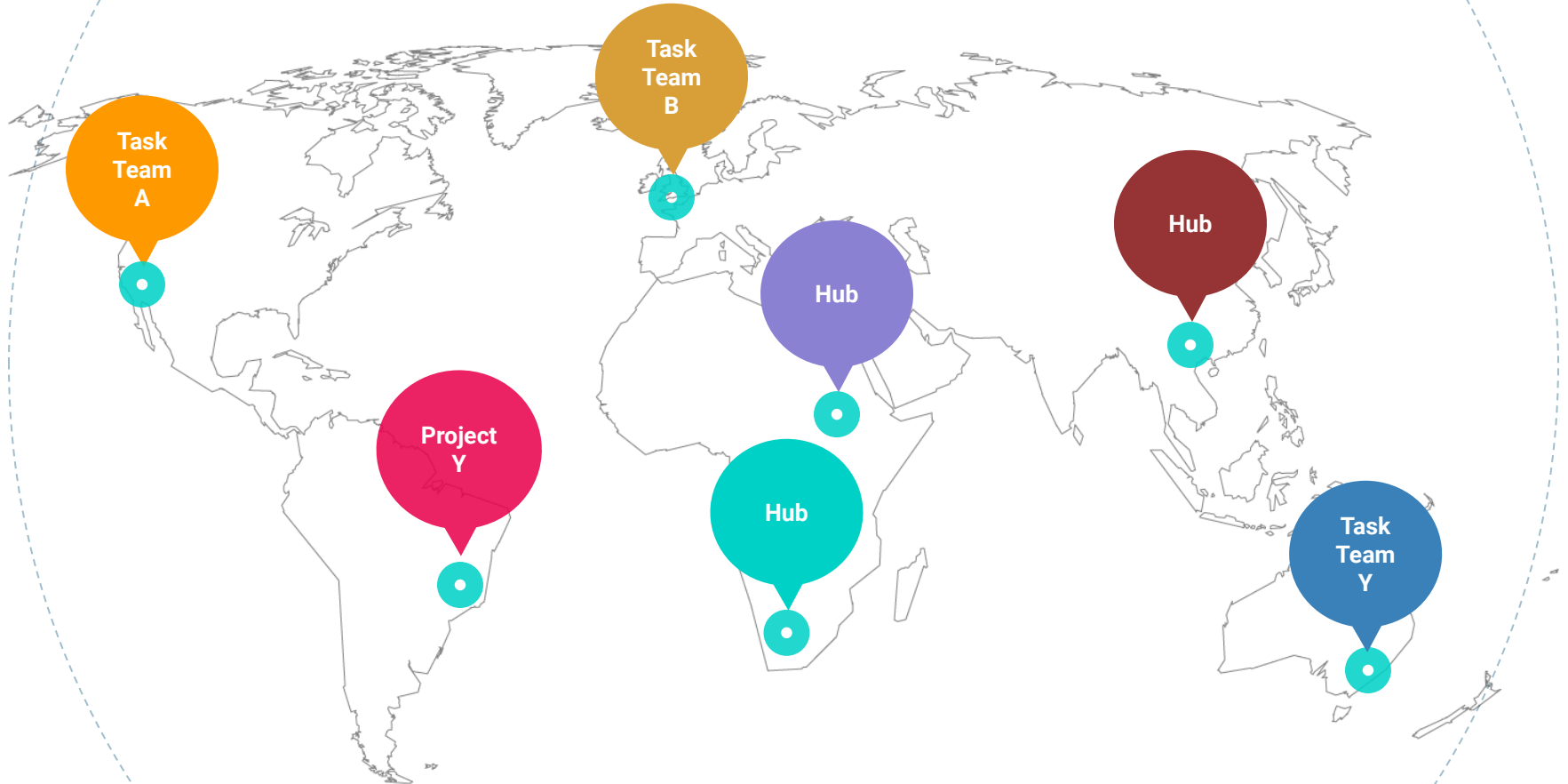
Online Community

- ◎ Collaboration
- ◎ 200+ people in 14 timezones
- ◎ 4,000+ messages over last 30 days
- ◎ Algorithms, Data, Services, Methods, AIS, ADS-B, Cloud Vendors, Privacy Task Team, Task Teams
- ◎ Join (<http://bit.ly/join-ungp-slack>)



Global Billing

Global Billing





Global Billing

- ◎ Consolidate Billing Globally
 - ◎ Alibaba, Amazon, Azure, Microsoft
- ◎ Leverage Discounts
- ◎ Manage Credits
- ◎ Allocate Budgets
 - ◎ Per Task Team
 - ◎ Per Partner
 - ◎ Per Program

Technology Strategy Handbook



Technology Strategy Handbook

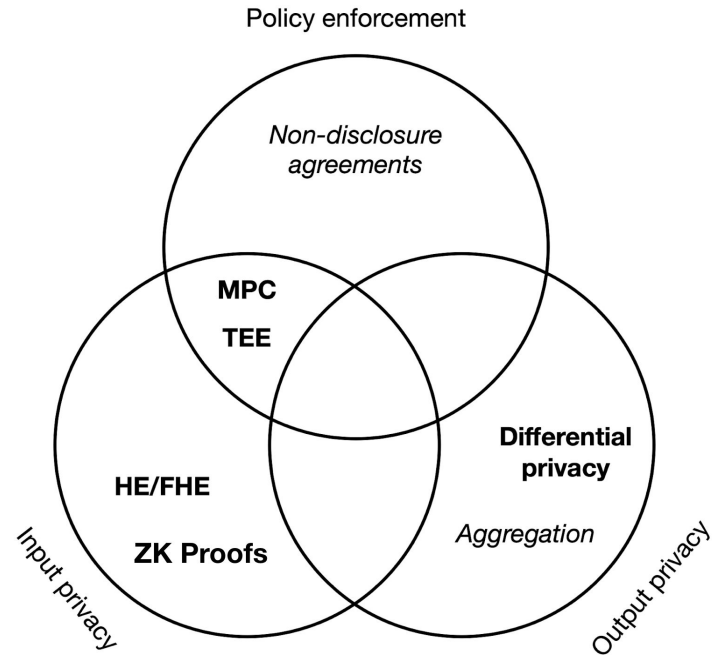
- ◎ Mapping the Landscape
 - ◎ Cloud
 - ◎ Machine Learning
 - ◎ Big Data
 - ◎ Serverless
 - ◎ IoT
 - ◎ Privacy Preserving Techniques
 - ◎ Intelligent Sourcing



Privacy Preserving Techniques Handbook

Cryptographic Techniques

- ◎ Multi-party Computation
- ◎ Fully Homomorphic Encryption
- ◎ Zero Knowledge Proofs
- ◎ Trusted Execution Environments
- ◎ Differential Privacy





Cryptographic Techniques

- ◎ [UN Privacy Preserving Techniques Handbook](#)
- ◎ Proof of Concepts for 62nd ISI World Statistics Congress
 - ◎ Health
 - ◎ Trade
 - ◎ Synthetic Data

Roadmap - March '20

5th
International
Conference
on
Big Data for
Official
Statistics

Privacy
Techniques
PoCs

Privacy
Task Team
Legal
Sub-Group

Framework
Agreements

Final
Business
Case/Model

March '20
51st UNSC



Release
Strategy
Handbook

Global
Authentication
Service

Alpha
Data as a
Service

62nd ISI
Conference

How Can You Get Involved?



How Can You Get Involved?

- ◎ Task Teams
- ◎ Administration Tasks
- ◎ Technical Specialists
- ◎ Consultancy Group
- ◎ Cloud Specialist Group
- ◎ Machine Learning Models
- ◎ Covered by an MOU

UN Global Platform



Faster. Quality. Statistics

#UNGlobalPlatform



Thanks!



Any questions?

You can find me at [@mcraddock](#) & contactus@officialstatistics.org

#UNGlobalPlatform

Additional Information



Booth

- ⊙ Mon, During Breaks - (Gavin, Joe)
- ⊙ Tue, During Breaks - (Gavin, Joe)
- ⊙ Wed, During Breaks - (Gavin, Joe)
- ⊙ Thur, During Breaks - (Gavin, Joe)
- ⊙ Fri, During Breaks - (Gavin, Joe)



Future Events

- ◎ 62nd ISI World Statistics Congress
 - ◎ UN Statistics Division (UNSD)
Symposium on Data Science and Official Statistics jointly organized with UNESCAP and UN Global Working Group on Big Data for Official Statistics, 15 - 17 August 2019