National Open Data Conference Open Government Data for Inclusive Development

Theme 3: Open Data for Official Statistics and SDGs



Presentation Outline

- I. About National Institute of Statistics
- II. CAMSTAT platform
- III. Data Dissemination
- IV. Next Step/Challenge



I. About National Institute of Statistics

➤ The National Institute of Statistics is the focal point on statistical matters in Cambodia. The NIS compiles and consolidates statistics provided by decentralized offices and collects primary data up to household and establishment level.

Legal Framework

- Statistics law, 2015
- National Strategy for the Development of Statistics 2019-2023 (NSDS)
- In the process to develop NSDS 2024-2028

Censuses

- Population Census
- o Economic Census
- Agriculture Census

Survey

- Agriculture Survey
- Cambodia Demographic and Health Survey (CDHS)
- Socio Economic Survey (CSES)
- Labour Force Survey
- Consumer Price Index
- National Account
- Statistical Year Book

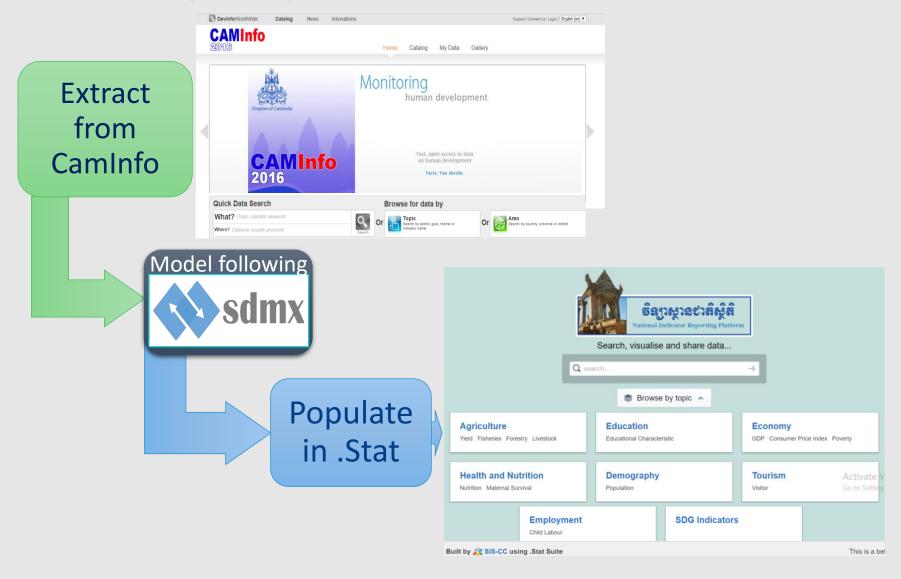
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I. CAMSTAT platform

I. CAMSTAT 1.1.Background: Why Camstat?

- Since 2004, the National Institute of Statistics (NIS) was disseminating its statistical data using UNICEF's DevInfo (branded as "CamInfo")
- > In 2015, with the end of the MDG era, software development on DevInfo ended
- UNICEF initiated transition from CamInfo to an alternative platform based on the .Stat software, developed by the SIS-CC
- Migrate DevInfo structures to SDMX for all statistical domains
- Migration of data from CamInfo to the new CamStat, 2018
- Add new datasets: develop structures for SDG indicators
- Deploy Camstat on the UN Global Platform
- OECD, PARIS21, UNSD, UNESCAP, UNFPA Cambodia supported the project
- UNICEF and OECD temporarily hosted Camstat for 2 years
- CamStat became the official data dissemination platform of Cambodia

Migrating into CamStat Production



Pilot Exercise (2018-2019)

Flash Back to The Pilot Missions of OECD, UNICEF, PARIS21 and UNSD

Mar 2018

- Structured SDG DSD,
- StructuredEducation DataUploadeddata to .Stat

Suite

STANDARD. STANDARD.

Oct 2018

- . Structured

 Demography Data

 & uploaded data

 to .Stat Suite.
- . Built skills in SDMX standards and tools good practices

Dec 2018

- . Structured
 Agriculture data
 and upload to .Stat
 Suite
- Deepened skills in data standards and tools good practices

May 2019

Full migration of CamInfo data, including NSDP and CSDG/SDG data.

Tool Used

- DSD Constructor
 - Create Concept Scheme
 - Create Code list

- Mapping Assistant
 - Mapping all data of CamInfo
 Database
- SDMX Converter
 - Create data flow

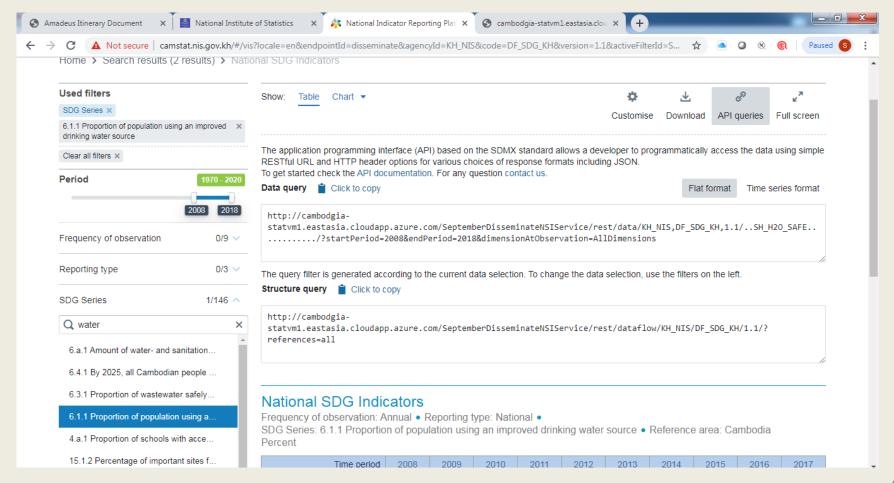






API query

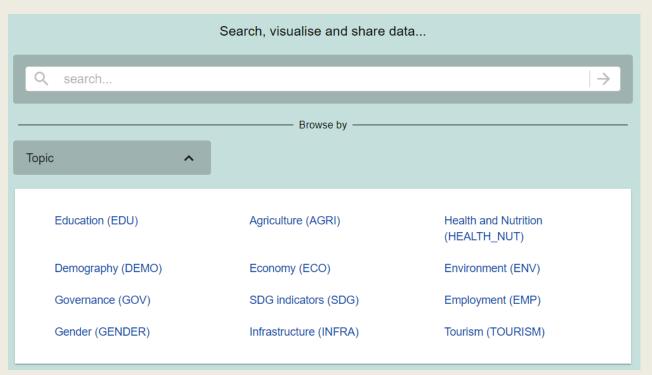
 API query can be automatically generated base on SDMX standard



SDMX standard

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X National Indicator Reporting Plat X S cambodgia-statym1.eastasia.clou X
                                  National Institute of Statistics
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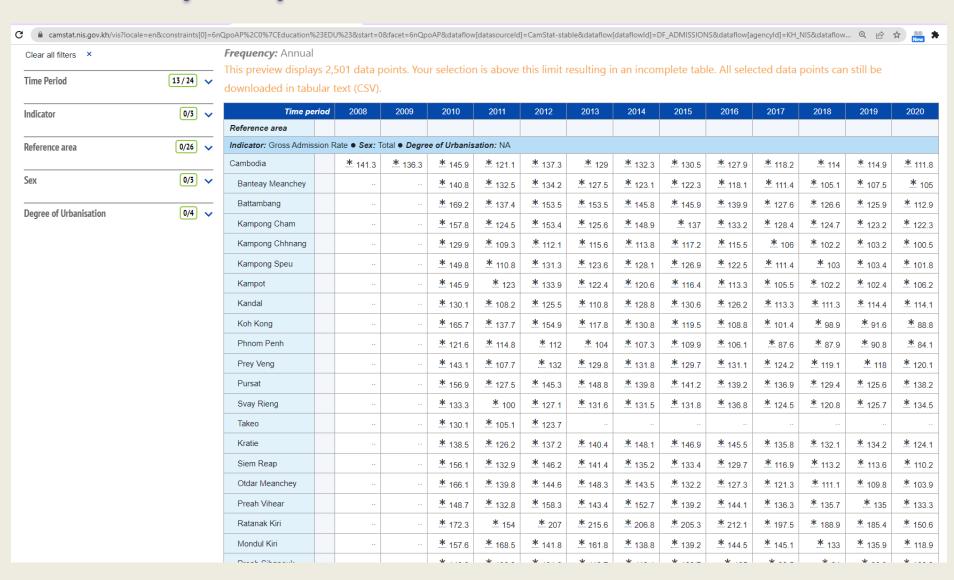
1.4. Key Output



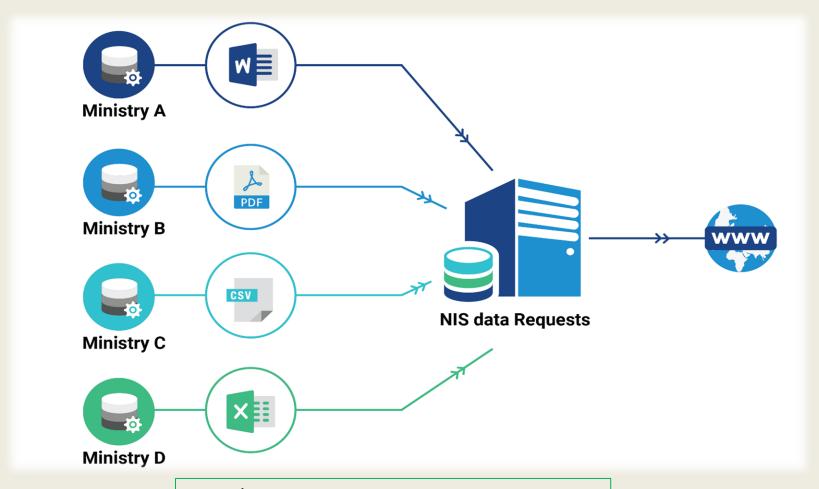
- 12 topics
- 898 indicators and about 170,000 data observations
- Time series data,
 Since 1998 to 2022
- NSDP/CSDG/SDG indicators

Торіс	Sub-Topic	Indicator Name	Source of Data	Source of Agency
Health and Nutrition	Access to Health Services	Antenatal Care Consultations by Province		
Education	Enrollment	Gross Enrollment Rate of Children by Age	ECE	MOEYS
Economy	National SDG Indicators	Amount of ODA disbursed to civil society partnerships (as % of GDP)	CDC	CDC
Agriculture	Land use	Rice Paddy by Land use Type	MAFF	MAFF

1.4. Key Output



Current situation for reporting (Line ministries)



Excel/CSV template in CAMSTAT platform API

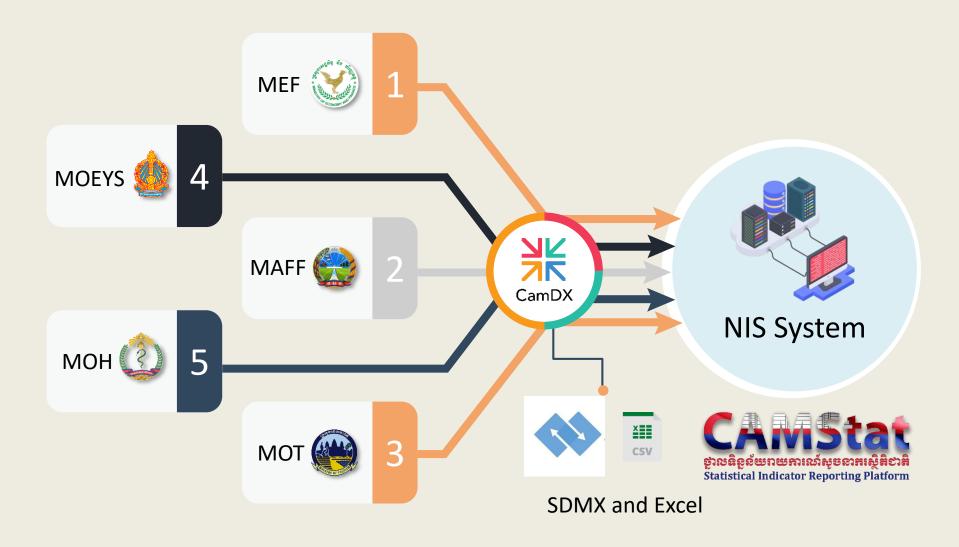
II. Data Dissemination

II. Data Dissemination

- > NIS web site, nis.gov.kh
 - CAMSTAT: https://camstat.nis.gov.kh/
 - Micro data: https://microdata.nis.gov.kh/
 - Open SDG platform https://sdgcambodia.github.io/site/en
 - Open health platform https://healthdata.nis.gov.kh/
- > REDATAM software: Population Census
- > Workshop: Hard Copy, USB, Leaflet, info graphic
- > Social Media: Facebook, Telegram
- > Data User Services Center, NIS library

III. Next step/Challenge

NIS Data Exchange via CamDX



Challenge

- Requested new data for updating time series data in CAMSTAT
- Need for continued technical support/capacity building, for example adopt/implement MOU
- Data sharing tools to automate data reporting/ exchanging
- Provide Training on using Data Explorer to the NIS subject matter team and line ministries/ other agencies to ensure sustainability over the long term

Thank you!