2019 COMMUNITY WORKSHOP: THE NEW .STAT SUITE – 'FROM IDEA TO REALITY'

The SIS Collaboration Community workshop is in its 9th year and continues to go from strength to strength with a greater demand and increased importance of the collaboration on statistical activities between statistical organisations, both at national and international levels.

At this year's workshop the Community will **officially launch, in open source, the .Stat Suite** product, a modular set of components that aims to progressively cover the full data lifecycle (GSBPM: Design; Collect; Process; Analyse; Disseminate), and with SDMX compliant APIs (on both the input and output side), as well as connectors with main market tools, end-to-end integration with other data processing platforms already in place, including excel, is greatly facilitated. This is helping teams in statistical organisations to manage in a much more cost efficient way the different data sources they need to aggregate and set up the proper workflows ensuring quality outputs.

During the 2017 and 2018 workshops, but also in several other fora and related initiatives (especially: the UN organised SDMX Conference in Addis Ababa, October 2017; UNSD workshop on National Reporting Platforms in NY, January 2018; UNSC50 in NY in March 2019; UNSD and GPSDD Data Interoperability Guidelines; and the pilot project Advancing dissemination of SDGs and other indicators using .Stat Suite in Cambodia) we have seen a greater demand for common statistical tools and common data modelling approaches that help to resolve many of the limitations observed today by providing a set of back-office components that can be assembled in a way that is tailored for a specific context and processes, and can bring about sustainable and standardised data management practices in each organisation.

The SIS Collaboration Community, guided by <u>4 principles</u> (Community Driven; Open Source; Component-Based; Full Data Lifecycle), believes it can help to support a better and more coordinated effort to bring about a change of paradigm becoming the Reference Community for Official Statistics, and sharing, for free, the .Stat Suite that is emerging as the Reference Plug-and-Play toolkit to build common solutions for statistical data management and dissemination.

As a first step to realising this vision, and taking into account this year will mark the official launch of the .Stat Suite as open source, we will spend two and half days building capacity together through a series of presentations, discussions, and hands-on workshops, with an objective that each participant returns to their organisation either with a working .Stat Suite or with the knowledge to carry out the necessary steps to suitably prepare and disseminate data for use in a native SDMX solution such as the .Stat Suite.

The first two and a half days, as with the previous workshops (held in <u>March 2011</u>, <u>March 2012</u>, <u>April 2013</u>, <u>April 2014</u>, <u>March 2015</u>, <u>April 2016</u>, <u>April 2017</u> and <u>April 2018</u>), are open sessions and the OECD extends the invitation to interested groups and organisations who may be considering using .Stat Suite for their own organisation, interested in becoming part of and contributing to the open source community, and share similar objectives as outlined above.

The workshop will take place 17-19 June 2019, in Paris, France.

Day 1 (17 June), will be hosted at the OECD Conference Centre in the Boulogne Building, 46 Quai Alphonse le Gallo, 92100 Boulogne-Billancourt, France, from 1.30pm to 6pm, immediately followed by a networking cocktail. **Days 2 and 3 (18-19 June)**, to take place at <u>Station F</u>, the largest start-up hub in the world and the center for the French Government push to make France the global leader in tech and innovation. A fitting location for the launch of the .Stat Suite!

WORKSHOP PROGRAMME

Date: 17 June 2019

Start time: 13h30 (1.30PM) **End time:** 18h (6PM)

Location: OECD Boulogne, 46 Quai Alphonse le Gallo, 92100 Boulogne-Billancourt, France

Session: Community in action

Synopsis

The afternoon sessions will reformulate the current SIS-CC strategic plan taking a look back at the previous 5-years to take stock on the achievements that demonstrate how the use of a common platforms is being jointly developed to enable cost-effective innovation in a minimal time benefiting a number of organisations; look ahead as the Community prepares to launch its new 5-year strategy from 2020 thru to 2025; provide an opportunity for community members and partners to showcase a number of .Stat Suite based projects that have gone live or soon to in the coming months; as well as provide an overview of the .Stat Suite product for newcomers.

Welcome and agenda by Eric Anvar, Head of Division, Statistics and Data Directorate, OECD

Opening address by Martine Durand, Chief Statistician and Director of the Statistics and Data Directorate, OECD

Community Vision: the journey so far and looking ahead to the next 5-years by Jonathan Challener, Partnerships and Community Manager, OECD

Session: .Stat Suite Showcase – Presentations of projects aligned to each of the four guiding principles

Open Source	What is the SDMX Toolkit by Eurostat	
	.Stat Suite Open Source test run by OECD	
Component-based	Hub of Public Statistics – Connecting and visualising multiple SDMX sources by ISTAT	
	Leveraging APIs for a WordPress/.Stat Suite integration by UNICEF	
Full Data Lifecycle	Implementation of a new statistical dissemination infrastructure by INS Tunisia	
	A point in time release by ABS	
Community Driven	Principles and Guidelines for National Reporting Platforms by NIS Cambodia, and UNSD	
	.Stat Suite for Labour Statistics dissemination and reporting by ILO	

Date: 18 June 2019 Start time: 09h (9AM) End time: 18h (6PM)

Location: Station F, 55 Boulevard Vincent Auriol, 75013 Paris, France

Session: .Stat Suite Basecamps

Synopsis

For Data Producers a full day capacity stream in the areas of SDMX Data Modelling, a design thinking and collective usability testing workshop, and an A-Z of the .Stat Suite. For Data Toolers (techies), the day will start with an introduction to the .Stat Suite Open Source Framework, followed by .Stat Suite Architecture, security and performance, and as SDMX is at the heart of the solution – working with Eurostat's SDMX Source project.

Tea, coffee, and light snack served from 8h45 (8:45AM) with an Introduction to the day by Eric Anvar Head of Smart Data Practices and Solutions, OECD

9h30	Data Producers	Data Toolers
11h15	New approaches to data modelling enforced by an native SDMX solution, .Stat Suite, ensures a standardised data flow and quality by design. This session will help those working with data to get the most out of the .Stat Suite and adhere to the	Introduction to .Stat Suite Open Source Framework will provide an insider's guide to those wishing to move from users of the software, to contributors, and potentially maintainers in the longer term. Facilitated by Nicolas Briemant - OECD and Red Pelicans Data Toolers
	SDMX 2.1 standard. Facilitated by Francesco Rizzo – Istat, and David Barraclough - OECD	The many deployment options for .Stat Suite will look at a number of different use cases where organisations are taking advantage of the modularity to integrate with CMS (WordPress, Drupal) or connect the Data Explorer with different back-ends. Facilitated by Yves Jaques – UNICEF
13h30 15h15	Design thinking workshop looking at current state and target for both the .Stat Data Explorer and .Stat Data Lifecycle Manager, with key findings from usability tests done so far with Community members. Facilitated by Fabernovel	A key part of the .Stat Suite is the SDMX Services layer and as such, if you want to start working with the core this session will give you an insider's view of how to get started with SDMX Source Project. Facilitated by Marco Oksman, and Aleksei Arhipov - OECD Data Toolers With the new Data Explorer search driven this session will look at Solr Optimisations (3 rd Party Open Source engine) that will be key to ensuring users are able to find the right information and also make sense of it. Facilitated by Fabrizio Celli - UNICEF
16h30	Data Producers Migrating to the .Stat Suite (including .Stat v7) this session will look at the different approaches that an organisation can take and the tools available to assist in the migration. Facilitated by Edgardo Greising – ILO, and Gyorgy Gyomai - OECD	Data Toolers .Stat Suite Architecture will look at the key non-functional topics including: work done so far in the area of performance with a brainstorm on possible further improvements such as a cache mechanism, and a review of the security by design approach. Facilitated by Jens Dossé - OECD

Date: 19 June 2019

Start time: 09h30 (9.30AM)

End time: 18h (6PM)

Location: Station F, 55 Boulevard Vincent Auriol, 75013 Paris, France

Session: .Stat Suite Basecamps

Synopsis

For Data Producers the focus of the day will be on SDGs with an introduction to SDG DSD, followed by hands-on exercises to create SDG indicators in the .Stat Suite for dissemination and global reporting. Data Toolers will get hands-on enabling participants to set-up the .Stat Suite as a Service for your organisation, with a deep dive into the configuration options available.

09h30	Data Producers	Data Toolers		
	Model and disseminate SDG indicators in	Building an SDG Dashboard with .Stat		
	the .Stat Suite ¹	Suite ²		
	Taking the SPC as a use case, the focus will	With multiple configuration options and		
	be on the important global topic of SDGs,	flexible deployment models available,		
	starting the day with an overview of the	participants will spend the day going		
	SDGs DSD and how to adjust according to	through an A-Z exercise to: explore, design,		
	national needs, moving on to hands-on	and configure .Stat Suite As a Service,		
	exercises to create a number of dataflows	having a working .Stat Suite for your		
	to finally disseminate in the .Stat Suite.	organisation by the end of the day, with the		
	Facilitated by Abdulla Gozalov - UNSD and	knowledge needed to extend this for a		
	SDGs DSD Working Group Coordinator,	specific SDG Dashboard. Facilitated by Red		
	and David Brackfield - OECD	Pelicans – A Fullstack JavaScript Company		
12h45	Open			
	Panel discussion: Data Flow Assessmen	Panel discussion: Data Flow Assessment Framework, provides the guidelines for		
	assessing the 'as is' state of the existing	assessing the 'as is' state of the existing practices of organising and disseminating		
	indicators on digital platforms in NSOs,	indicators on digital platforms in NSOs, including the process flow, data modelling		
	practices and IT infrastructure. The purpose of the assessment guided through DFAF, is			
	to capture the current state and provide recommendations for potential future solutions			
	to consider. Moderated by Rajiv Ranjan – PARIS21 with panelists: Fadhila Najah – INS,			
	Omar Seidu – GSS, Yves Jaques – UNICEF			
13h30	Data Producers	Data Toolers		
	Model and disseminate SDG indicators in	Building an SDG Dashboard with .Stat Suite		
	the .Stat Suite cont.	cont.		
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- 1. Participants will need a working laptop/computer with JAVA running to run the necessary software provided on the day.
- 2. Participants will need a working laptop/computer with a code editor, git and a shell already installed. Ideally you should already have some level of git knowledge (clone, checkout, commit, push).

REGISTRATION

Please note due to the format of the .Stat Suite Basecamps on days 2 and 3 (18-19 June) spaces will be limited and priority given first to Community members, partners, National Statistical offices who are already engaged or have a strong interest in using the .Stat Suite, as well as contributors who have expressed interest in working with the .Stat Suite Technical framework. Day 1 (17 June PM) is open to all that register before the closing date of Friday 10 May 2019.

All participants will be notified of their confirmed registration at the latest within 3 days of the closing date.

To REGISTER please visit our web site and complete the secure form:



VENUE INFORMATION

OECD BOULOGNE (DAY 1)

Located on the Seine opposite Parc Saint Cloud at 46, quai Alphonse Le Gallo – 92100 Boulogne-Billancourt, the building offers a canteen and small café serving hot meals and cold snacks, as well as tea and coffee. Free and open wifi (Hotspot_OECD) is available throughout the conference and ground floor areas. Several transportation options are available including:

Metro/RER

- Line 10, Pont de Saint-Cloud station (10 minutes by foot)
- Line 9, Pont de Sèvres station (15 minutes by foot)
- Future Grand Paris Express station

Bus routes

- 169, 171, 179, 279, 291 Pont de Sèvres bus stop
- 52, 72, 126, 160, 175, 467 Pont de Saint-Cloud bus stop

Tramway

T2 – Saint-Cloud station (15 minutes by foot)

Bike rentals

 <u>Vélib-metropole</u>: A bicycle hiring option – an alternative way to move in Paris



Security and registration

Due to additional security measures in place, an electronic visitor pass will be sent to your email address one day prior to the start of the workshop. Please ensure you have this ready, on either your mobile phone or a printed copy. This is needed in order to pass through the first checkpoint before entering the main OECD building and security screening.

Badges will be provided to all visitors to enable those to access the OECD building and meeting room. Please remember to have your passport or identity card ready as proof of your identity. The badges are presented at the welcome entrance desk and are to be worn at all times within the OECD building. On arrival, you must register at the reception desk to obtain your visitor's badge. You will need to bring photo identification with you to receive your badge. All badges will be printed and waiting for you. These badges will give you access to specific areas during the period of the workshop.

Please arrive well in advance of the start of the meeting to allow sufficient time for the security and registration formalities. Participants can start to arrive from 12pm and we suggest no later than 12.45pm. You are welcome to arrive before and use the conference center facilities to purchase refreshments ahead of the meeting.

Please make your way to the auditorium ahead of time before the start of the workshop at 1.30pm. Seating will be in an auditorium style so you are free to sit where you wish except the first row, as this is reserved for presenters and technical staff.

Please remember to check the electronic screens located on the ground floor of the main building in case of last minute changes to the location of the meeting.

STATION F (DAYS 2 AND 3)

Located in Paris 13th, the main entrance can be reached at 55 Boulevard Vincent Auriol, 75013 Paris. The workshop will take place at the heart of Station F inside the <u>FRENCH TECH space</u>. Station F can be reached by several transportation options including:

Metro/RER

- Line 6, Chevaleret (5 minutes by foot)
- Line 6, Quai de la Gare (10 minutes by foot)
- RERC and Line 14, Bibliothèque François Mitterrand (15 minutes by foot)



Plan your itinerary via public transportation: **RATP**

Security and registration

All confirmed participants should enter via a dedicated entrance at 55 Boulevard Vincent Auriol, 75013 Paris, where you will be welcomed and checked against the list of registered participants. Please be ready to present your photo ID as this will be needed to confirm your entry to Station F. The welcome desk will provide you with the necessary information to locate the meeting room and any other information as required. It will remain open for the duration of the meeting.

Please arrive well in advance of the start of the meeting to allow sufficient time for the security and registration formalities. Participants can start to arrive from 8.30am and we suggest no later than 8.45am. You are welcome to arrive before and make use of the small café located next to the entrance before entering Station F.

Catering

Morning and afternoon refreshments as well as a complimentary buffet lunch will be provided over the two days and served within the meeting space. There are also a number of traditional brasseries and cafes within a short walking distance of the venue.

PLAN YOUR TRIP

More information to make your trip to France easier including list of hotels, visa requirements, and other useful information is available on the OECD web site.

FURTHER INFORMATION

The official language of the meeting is English; we therefore ask that all presenters and those asking questions speak in English, as no translation services will be provided.

All presentations and the final workshop report will be made available online post workshop on the community web site.

SOCIAL

You can follow the workshop and the Community through Twitter <a>@sisccommunity. Please remember to use the hashtags #dotStatSuite and #FromIdeaToReality when posting.

We look forward to welcoming you to Paris and your valuable contributions to make the 2019 workshop a success!

THE NEW .STAT SUITE FROM IDEA TO REALITY

A Guide for Participants

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