



The Global Language of Business

Global Standards Management Process

## Web Technology Standards Maintenance Group

Call to Action



### What business challenges are being solved?

This group will process work requests (WR) to maintain GS1 Standards that use Web Technologies. The Web Technology SMG will not generate data requirements but will provide guidance to GSMP groups that create data requirements and will be consulted as GS1 standards are modernized to use web technology (e.g., OpenAPI / REST and JSON / JSON-LD). This includes maintenance work requests such as GS1 Digital Link resolver solutions along with updates to the GS1 Web Vocabulary Standard.

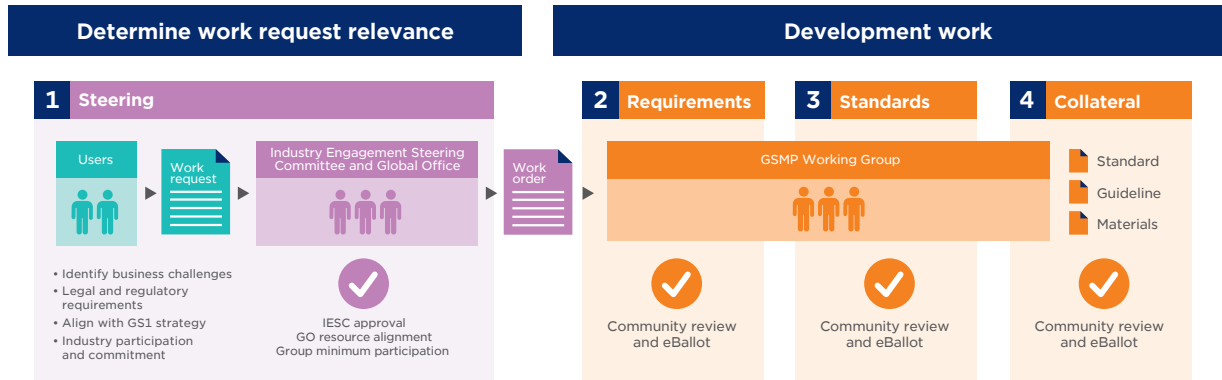
### Background

A new Standards Maintenance Group (SMG) is being formed to create and maintain standards in an evolving ecosystem of web technologies as well as advise GS1 on the capabilities of technologies like Cascading Style Sheets and JavaScript, image formats, metadata, Verifiable Credentials and more. The initial focus is on maintaining the data sharing standards of the GS1 Web Vocabulary and GS1 Digital Link which leverages web technologies, most notably Linked Data and HTTP APIs.

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The GSMP is a community-based forum for businesses facing similar problems to work together and develop standards-based solutions to address them. Active GSMP participants represent industries ranging from retail and consumer goods to fresh foods, healthcare, transport and logistics, government and more—a healthy mix of business and technical people from nearly 60 countries.

# Four Step Consensus-Driven Process



## Working group objectives

- To maintain GS1 standards that rely heavily on Web technologies
- To advise other groups on how Web technologies can be used to maximum effect

## Who should join this working group?

Professionals with:

- experience and knowledge of Web technologies such as Linked Data and API design
- experience with data modelling (for updates to the GS1 Web vocabulary) for things like descriptions of products, organisations and locations, digital receipts, digital invoices, traceability data, etc.
- expertise in the implementation of services based on these technologies
- a willingness and ability to create tools, ideally open-source tools

## Benefits for industry?

This working group will follow the GS1 Global Standards Management Process:

- A centre of expertise that can advise on the most efficient and forward-thinking use of Web technologies in GS1 standards
- Provides a forum for experts to collaborate on the use of Web technologies
- Supports industry strategies such as supporting consumer engagement and easier access to on-demand data
- To align GS1 standards with trending regulatory requirements for web-based solutions

## Next Steps

- Join the working group in time for the kick-off call on 27 March 2023

**For more information and to join the group, visit:**

<https://www.gs1.org/standards/development-work-groups#WebTech>

**Help or questions? Contact:**

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