

CANDIDACY FORM – UN/CEFACT VICE CHAIR ELECTIONS 2023

To be filled in by the Candidate
and submitted by the Permanent Mission in Geneva
on or before 25 September 2023 to: kamola.khusnutdinova@un.org

*I hereby declare my candidacy for the position of
UN/CEFACT Vice Chair.*

Information about the Candidate

(This information will be made public; please signal any information that should not be)

Candidate last name		Candidate first name	
BECHA		Hanane	
Organization name		Occupation / Title	
DigitalTrade, SAS		Innovation & Standards Senior International Advisor	
Candidate e-mail		Candidate telephone	
hbecha@gmail.com		+33 6 34 02 35 17	
Government employee	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Years of participation in UN/CEFACT activities	8 years - since 2016

The Candidate hereby declares the following:

(all questions must be answered)

1.	The Candidate will commit a minimum of 4 days per month to the role of UN/CEFACT Vice Chair and will participate in all UN/CEFACT Bureau conference calls (currently on a monthly basis).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	The Candidate declares to have sufficient funding to physically attend and participate in all face-to-face meetings including one annual UN/CEFACT Plenary, and two semi-annual UN/CEFACT Forums.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	The Candidate declares there would not be a conflict of interest between their work as a UN/CEFACT Vice Chair with any other work being performed and agrees to adhere to the UN/CEFACT Code of Conduct ¹ and the UN/CEFACT Intellectual Property Rights Policy. ²	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	The Candidate has read and agrees to the responsibilities of UN/CEFACT Vice Chair (UN/CEFACT Mandate and Terms of Reference, particularly paragraphs 35 – 51). ³	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	The Candidate has the explicit support of his/her organization to take on the role of UN/CEFACT Vice Chair.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

¹ UN/CEFACT Code of Conduct, ECE/TRADE/C/CEFACT/2010/18/Rev.1:

<http://undocs.org/ECE/TRADE/C/CEFACT/2010/18/Rev.1>

² UN/CEFACT Intellectual Property Rights Policy, ECE/TRADE/C/CEFACT/2010/20:

<http://undocs.org/ECE/TRADE/C/CEFACT/2010/20/Rev.2>

<http://undocs.org/ECE/TRADE/C/CEFACT/2010/20/Rev.2/Add.1>

³ UN/CEFACT Mandate and Terms of Reference, ECE/TRADE/C/CEFACT/2017/15:

http://www.unece.org/fileadmin/DAM/cefact/cf_plenary/2017_Plenary/ECE_TRADE_C_CEFAC_2017_15E_MandateToR.pdf

Candidate motivational statement

In the statement, please demonstrate your expertise and experience in the area of sustainable and digital trade facilitation, and specifically related to:

- i. development of policy recommendations
- ii. development of e-business standards, and/or
- iii. project management.

Passionate about standardization and digitalization, I am enthusiastic to renew my engagement toward UN/CEFACT and apply to pursue a second mandate as the UN/CEFACT Vice Chair.

I got involved in the UN/CEFACT in 2016 and I did introduce the concepts of Smart Containers and Digital Twin. I did lead successfully the first international standards on smart containers (IoT) for supply chain. I did lead successfully as well the UN/CEFACT Cross Industry supply chain track and trace. Since then, I did participate actively in many UN/CEFACT groups (e.g., Advisory Group on Advanced Technology) and conferences (e.g. Internet of Things, Blockchain, Application Programming Interfaces (APIs), etc.) and did promote UN/CEFACT activities in various manners.

With more than 20 years of experience in research, development and innovation in international environments, I have managed multiple programs and projects. I have a solid experience as trainer, teaching various Computer Science related courses at the University of Ottawa (Canada) and Université d'Aix-Marseille (France). I also have experience within the public sector: I worked as a business analyst at the Canadian Federal government (Health management module at the Correctional Service Canada) for more than 3 years. This combines with my significant experience in the private sector including at Nortel Networks (Canada) working on research and standardization of numerical TV services and then at Traxens (France) where I was responsible for managing the innovation and standards development program related to global end-to-end multimodal door-to-door tracking and monitoring solutions. Currently, my focus is on driving standardization for trade facilitation and digitalization, collaborating with relevant intergovernmental organizations and non-profit and associations.

I hold a Ph.D. and master's degree in computer sciences from the School of Electrical Engineering and Computer Science, Ottawa, Canada. I am proficient in multiple programming languages, I have written multiple articles and book chapters around SOA, Web Services APIs and analyzing non-functional requirements in Service Oriented Architecture with the user requirements notation.

My academic background has contributed to my leadership capabilities and innovation mindset demonstrated during my involvement at the UN/CEFACT. Inventor and innovative, I enjoy solving complex problems that require combining Technical Background, Business Intelligence, Strategic Development and Negotiation Skills.

I do enjoy working on international trade facilitation. My first experience in standards development was in 2006 as Nortel Networks employee at the International Telecommunication Union (ITU-T, a UN sister organization) on IP-TV Focus Group. As part of my standardization work with Nortel Networks as well, I did found in 2007 the OMG Telecom PSIG Group. I chaired the Telecom PSIG Group and identified and addressed SOA gaps to be adopted in critical mission applications, such as telecommunication. As chair of this group, I organized the OMG Telecom Information Day in

Washington D.C.

Currently, as part of my mandate as the UN/CEFACT Transport & Logistics Vice Chair, I actively contribute to the trade facilitation that has to be digital and green for more efficiency and resiliency. During my mandate for the period of 2019-2023, I have managed the strategic planning and coordination of the UN/CEFACT programme of work between Plenary sessions making sure the UN/CEFACT activities comply with its mandate, terms of reference and procedures. I did prepare UN/CEFACT meetings, including those of the Plenary, the Bureau and UN/CEFACT experts, in collaboration with the Secretariat. I contributed to appoint and guide experts supporting the programme of work, especially in the context of PDAs. I did develop and maintained procedures associated with reviewing and launching project proposals, especially those submitted for the development of UNECE recommendations and UN/CEFACT standards and participated in the formation of project team. I did promote opportunities for outreach, cooperation and collaboration in order to advance projects supporting the programme of work, particularly through meetings of experts. I did volunteer to deliver presentations (in French and in English) to support cooperation and capacity building, particularly in the context of activities with other bodies and developing countries.

On the top of my duties as UN/CEFACT Vice chair as defined in the Consolidated UN/CEFACT Mandate and Terms of Reference, I have volunteered to support the UNECE Secretariat in representing UN/CEFACT at official meetings and events including at the World Customs Organization (WCO), IMO, World Trade Organization (WTO), UNCTAD, WTO, International Chamber of Commerce (ICC) and ISO TC8, TC104 TC154 & TC204 and SMDG.

I did promote the UN/CEFACT activities by publishing over 23 articles promoting the UN/CEFACT deliverables (See my linkedIn [\(15\) Activity | Hanane Becha | LinkedIn](#)) and multiple press releases. I did promote the UN/CEFACT deliverables as well adoption for the eFTI and EMSWe regulations (MMT) as part of my involvement in the European Commission (DG-MOVE). I actively participate in organizing the UN/CEFACT forums not only by preparing the T&L meetings but as well by organizing Lunch & learn sessions and mini-conferences.

I am passionate about standardization and digitalization. During my current mandate, I did demonstrated that my leadership and expertise made a difference leading the Transport and Logistics domain work at the UN/CEFACT. My technical skills, and educational background have contributed to my capability to lead, serve, represent and promote UN/CEFACT activities. My public and private sector experience enforced my versatility and adaptability in different environments. My collaboration and outreach efforts did contribute in promoting cooperation within and outside of UN/CEFACT. My efforts representing the UN/CEFACT at official meetings and events, as well as my publications and presenting UN/CEFACT's work at different working groups and conferences did contribute to reinforce the UN/CEFACT image.

I am committed to green and sustainable practices in trade facilitation and digitalization and very enthusiastic and dedicated to advancing standardization and digitalization on a global scale.

Please also submit as a separate document:

- Recent Curriculum Vitae (including current roles in other relevant organizations and membership in associations)

NOMINATION FORM – UN/CEFACT VICE CHAIR ELECTIONS 2023

*To be filled in by the UN member State Delegation
(Head of Delegation, Government Agency or Permanent Mission)
and submitted by the Permanent Mission in Geneva
on or before 25 September 2023 to: kamola.khusnutdinova@un.org*

Information about the candidate

Candidate Last Name		Candidate First Name	
BECHA		Hanane	
Organization Name		Occupation / Title	
DigitalTrade, SAS, France		Innovation & Standards Senior International Advisor	

I hereby nominate the above-mentioned candidate for the position of UN/CEFACT Vice Chair.

Information about the nominating authority

Country	France
Nominating authority responsible person name	FARRET Régis
Nominating authority entity (agency, dept., ...)	Représentation permanente de la France auprès de l'ONU à Genève
Nominating authority email	regis.farret@diplomatie.gouv.fr
Date	21/09/2023

Documents to submit

- Candidate's Candidacy Form with motivational statement
- Government Nomination Form with statement of support
- Candidate's Curriculum Vitae (including current roles in other relevant organizations and membership in associations)

References

Consolidated UN/CEFACT mandate and terms of reference, ECE/TRADE/C/CEFACT/2017/15
http://www.unece.org/fileadmin/DAM/cefact/cf_plenary/2017_Plenary/ECE_TRADE_C_CEF ACT_2017_15E_MandateToR.pdf

Statement of Support from the nominating authority

The French authority nominates Dr. Hanane BECHA for her second mandate. Dr. Hanane BECHA did prove her capabilities and know-how during her first mandate as UN/CEFACT Vice Chair and did contribute to the digitalisation of the supply chain.

PERSONAL INFORMATION

Dr. Becha Hanane



 1420 Chemin des Freres Gris, 13080, Aix-en-Provence, FRANCE

 +33 6 34 02 35 17

 hbecha@gmail.com

Sex F | Date of birth 10/07/1979 | Nationality French

SUMMARY

With more than 20 years' experience in Research & Development and Innovation in international environments, I hold a Ph.D. and master's degree in computer sciences from the School of Electrical Engineering and Computer Science, Ottawa, Canada.

Currently, I am focused on driving standardization for trade facilitation digitalization, collaborating with relevant intergovernmental organizations and non-profit and associations. Namely, as the UN/CEFACT Transport & Logistics, Vice Chair - under the United Nations Economic Commission for Europe (UNECE), I am actively shaping the future of trade and participating in the European Commission DG-MOVE, World Customs Organization (WCO), IMO, WTO, UNCTAD, (International Chamber of Commerce (ICC) and ISO TC8, TC104 TC154 & TC204.

Innovative, I enjoy solving complex problems that require combining Technical Background, Business Intelligence, Strategic Development and Negotiation Skills.

Keywords: Standardization, Digitalization, Negotiation, Innovation and IPR, International Trade, Trade Facilitation, Trade Finance, Multimodality, Maritime Transport, Maritime Cyber Security, Telecommunication, Market Surveillance, Data modeling, IoT Smart Assets, Leadership, UN/CEFACT

WORK EXPERIENCE
10/2017– Present

UN/CEFACT Transport & Logistics Vice Chair

UNECE - UN/CEFACT

- Manage the transport and Logistics UN/CEFACT projects involving multiple countries, different companies including competitors, and seek consensus and resolve conflicts if any
- Lead of the collection of requirements (B2G and B2B) and develop the Business Requirement Specifications (BRS)
- Design trade facilitation standards and define needed data sub models while reusing and enriching the UN/CEFACT Core Component Library (CCL), namely the Reference Data Model (RDM) and ensure that this model is aligned with the WCO Library
- Present and promote standardized solutions for the whole ecosystem

Technologies : modeling, EDI, UML, Semantics, Ontologies

01/2023– present

Independent Senior Project Lead & Standards Advisor

Founder & CEO, DigitalTrade, SAS

Standards development for Transport & Logistic Chain Excellence

- Advice and support supply chain actors (private and public institutions) to enhance their operations business and define their digitalization strategies and transformation
- Contribute to the definitions of data model of European Maritime Single window and the eFTI lead by the European commission (DG-MOVE and EMSA)
- Actively participate in the different intergovernmental organizations work including World Customs Organization (WCO), IMO, WTO, UNCTAD, (International Chamber of Commerce (ICC) and ISO TC8, TC104 TC154 & TC204.
- Teach courses related to Maritime Cyber security and smart shipping
- Participate in the assessment of Horizon project funding requests with the European commission (e.g. European Climate, Infrastructure and Environment Executive Agency (CINEA) - Horizon Europe Transport AND Executive Agency for Small and Medium-sized Enterprises (EASME))

- Develop the mapping of the DCSA standards to the standards of relevant organizations and advise them to enhance their alignment
- Lead the DCSA IoT Program by defining roadmaps, animating discussions and reaching consensus on the required standards for the IoT program

Technologies: IoT, Track&Trace, Smart containers, eFTI, EMSWe,

06/2018– 06/2021 **Innovation & Standards Senior Manager**
TRAXENS

Innovative Services and Standards development for Supply Chain Excellence

- Define innovative value-added services to improve logistic chains and seamless collaboration between all the stakeholders including customs
- Develop and implement required Standardization Strategy: active participation in different Standards Development Organizations and platforms including UN/CEFACT, ISO, ALICE, SMDG, COA, Port Call Optimization, GS1, and WCO
- Develop and coordinate innovation related projects, disseminate results and meeting reports including H2020 projects funded by the European Commission (e.g., Dataports)

Technologies: IoT, Telematics, APIs, WS, Telecom, Unified Modeling Language (UML)

01/2016– 06/2018 **Product Definition, IP & Standards Manager**
TRAXENS

Smart Assets business requirements specifications

- Coordinated client-oriented requirements specification committee
- Defined and analyzed user and system requirements and translated them into functional, technical, and testing specifications
- Developed and implement the Standardization Strategy of TRAXENS
- Developed the Intellectual Property portfolio of TRAXENS

Technologies: IoT, Telematics, APIs, WS, Telecom, Unified Modeling Language (UML)

09/1999– 08/2015 **University Lecturer & Effective Trainer**
University of Ottawa and University of Aix-Marseille

- Taught multiple Computer Science related courses
- Coached and evaluated up to 50 students
- Active scholarly peer reviewer (IJWET and IET Software) which consists of the evaluation of articles written by authors of similar competence to determine an academic paper's suitability for publication.
- Published and presented multiple technical papers

Technologies: Computer skills, Distributed Computing, Data structures, Algorithms, UML

01/2002 - **System Analyst – Healthcare Information System**
Correctional Service of Canada, Ottawa, Canada

As a key member of the Offender Management System (OMS – more than 1000 users) renewal application development team, the following duties were performed:

- Actively participated in the gathering and documentation of business requirements for the re-development of CSC's mission-critical application, the Offender Management System;
- Worked closely with a Healthcare Provider to bridge business representative and the technical team and documented the Health Information Management Module (HIMM) business requirements;
- Worked on the feasibility study of HIMM computerization, determination of ethical and legal issues, and the prioritization of the system's requirements.

Technologies: Rational Unified Process (RUP) methodology, Use cases

EDUCATION AND TRAINING

- 12/2012 **Doctor of Philosophy (Ph.D.)**
University of Ottawa, Computer Science, School of Electrical Engineering and Computer Science
- Thesis Title:** Exposing and Aggregating Non-Functional Properties in SOA from the Perspective of the Service Consumer
Keywords: SOA, Web Services, QoS, integration, algorithms, XML, WSDL, BPEL, URN and AoURN, UML
- 04/2004 **Master's Degree**
University of Ottawa, Computer Science, School of Electrical Engineering and Computer Science
- Thesis Title:** Distributed mobile agents: Classification of models through the construction of topological information
Keywords: Distributed Computing, Mobile Agents, Sense of Direction, Leader Election
- 04/2002 **Bachelor's Degree in Computer Science**
Université de Québec en Outaouais (UQO), Gatineau, Canada

PERSONAL SKILLS

Mother tongue(s) French

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Arabic	C2	C2	C2	C2	C2

Add new rows if needed

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

Practice makes perfect!

As a lecturer at the University and as an international standards project leader, I have an extensive public speaking experience. I am very comfortable in expressing myself orally, clearly and eloquently in front of large group. Also, I am a technical writer and I have authored many technical publications and book chapters.

Organisational / managerial skills

On the top of hierarchical management skills, I had to develop transversal management skills to be able to collaborate with all the departments internally and to build companywide consensus on forward-looking strategy and tactics preparing my participation in different standards development organizations and collaborative projects.

Job-related skills

I have a solid technical academic background (Ph.D. in Computer Sciences and IT) and an extensive experience in international standards development (holding leadership positions), namely in data modeling, data exchange and business processes modeling.

Computer skills

Having a Ph.D. diploma in Computer Sciences and having taught multiple Computer Sciences related courses, in addition to my more than 20 years' experience in IT in private sector, I am very comfortable with computers and have numerous skills, the list is so long... and I have developed the capacity to use easily new systems and tools as well.

I authorize the processing of personal data contained in my curriculum vitae based on art. 13 of Legislative Decree 196/2003 and GDPR 679/16



Signature
Hanane BECHA