



Implementing the Electronic Multimodal FIATA Bill of Lading

GE.22 - Group of Experts on Operationalization of eCMR

9 November 2022



FIATA – International Federation of Freight-Forwarders Associations

Works at the Local, National and International Level

FIATA represents its members at

International: UN, WTO, WCO, International Organisations and Associations

National : Governments, National Organisations

Local : Local Associations

113 Association Members

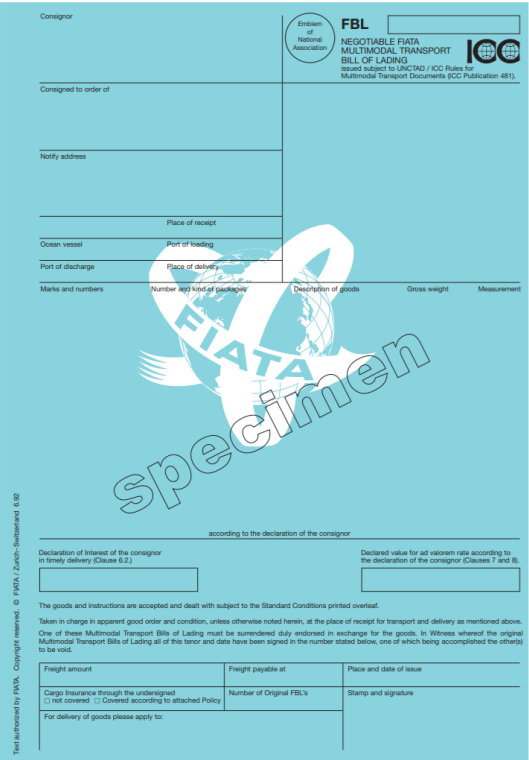
5,500 Individual Members

- Overall representing **40,000 freight forwarding and logistics firms**
- FIATA advocates **trade facilitation** and actively contributes to the well-functioning of the supply chain through close collaboration with relevant stakeholders, its position papers & guidance notes



FIATA standard trade documents

More than 50 years ago FIATA started to establish standard trade documents to harmonize documents and forms used by freight forwarders



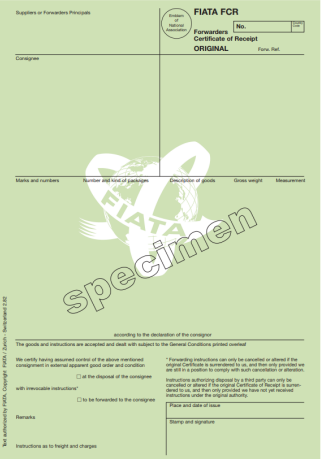
The image shows the front of a light blue FIATA FBL (Negotiable FIATA Multimodal Transport Bill of Lading) form. It features a large, semi-transparent 'FIATA specimen' watermark in the center. The form includes fields for 'Consignor', 'Consigned to order of', 'Notify address', 'Place of receipt', 'Ocean vessel', 'Port of loading', 'Port of discharge', 'Place of delivery', 'Marks and numbers', 'Number and total of packages', 'Description of goods', 'Gross weight', and 'Measurement'. It also has a section for 'Declaration of interest of the consignor' and a table for 'Freight amount', 'Freight payable at', and 'Place and date of issue'. The FIATA logo and 'FBL' are prominently displayed in the top right corner.

Negotiable FIATA Multimodal Transport Bill of Lading (FBL)



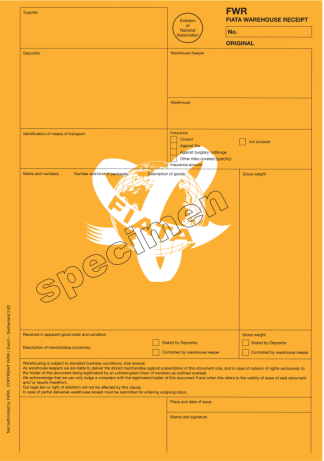
The image shows the front of a light blue FIATA FFWB (Non-negotiable FIATA Multimodal Transport Waybill) form. It features a large, semi-transparent 'FIATA specimen' watermark in the center. The form includes fields for 'Consignor', 'Consigned to', 'Notify address', 'Place of receipt', 'Ocean vessel', 'Port of loading', 'Port of discharge', 'Place of delivery', 'Marks and numbers', 'Number and total of packages', 'Description of goods', 'Gross weight', and 'Measurement'. It also has a section for 'Declaration of interest of the consignor' and a table for 'Freight amount', 'Freight payable at', and 'Place and date of issue'. The FIATA logo and 'FFWB' are prominently displayed in the top right corner.

Non-negotiable FIATA Multimodal Transport Waybill (FFWB)



The image shows the front of a light green FIATA FCR (FIATA Forwarders Certificate of Receipt) form. It features a large, semi-transparent 'FIATA specimen' watermark in the center. The form includes fields for 'Supplier or Forwarders Principal', 'Consignor', 'Marks and numbers', 'Number and total of packages', 'Description of goods', 'Gross weight', and 'Measurement'. It also has a section for 'Declaration of interest of the consignor' and a table for 'Freight amount', 'Freight payable at', and 'Place and date of issue'. The FIATA logo and 'FCR' are prominently displayed in the top right corner.

FIATA Forwarders Certificate of Receipt (FCR)



The image shows the front of a light orange FIATA FWR (FIATA Warehouse Receipt) form. It features a large, semi-transparent 'FIATA specimen' watermark in the center. The form includes fields for 'Supplier or Forwarders Principal', 'Consignor', 'Marks and numbers', 'Number and total of packages', 'Description of goods', 'Gross weight', and 'Measurement'. It also has a section for 'Declaration of interest of the consignor' and a table for 'Freight amount', 'Freight payable at', and 'Place and date of issue'. The FIATA logo and 'FWR' are prominently displayed in the top right corner.

FIATA Warehouse Receipt (FWR)

- FIATA Forwarders Certificate of Transport (FCT)
- FIATA Shippers Declaration for the Transport of Dangerous Goods (SDT)
- FIATA Shippers Intermodal Weight Certificate (SIC)
- FIATA Forwarding Instructions (FFI)

Digitalisation requirements

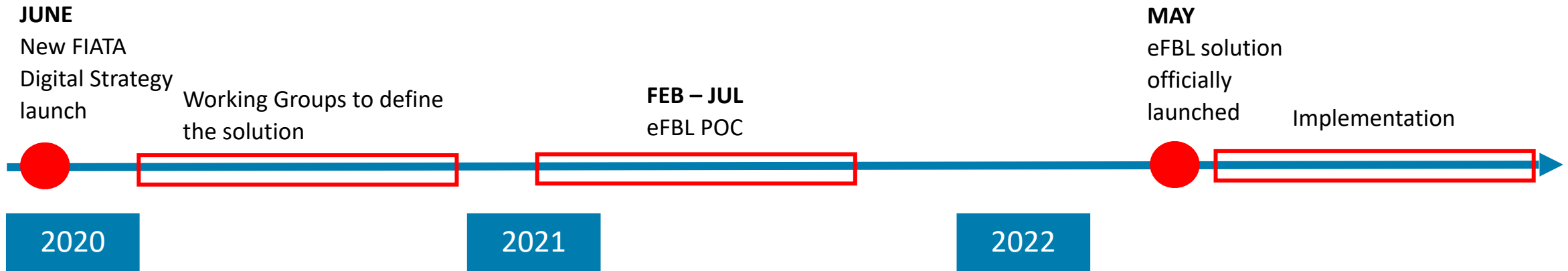
- FIATA members are very heterogeneous: SMEs to Multinational Groups
- Most Freight-Forwarders use Transport Managements Systems to manage their daily work or have their own system
- Members didn't want FIATA to impose a new tool + FIATA is a neutral federation
- Legal acceptance of digital documents/data still not widely spread



Pragmatic solution

- Open source solution that can be implemented by any software provider
- eFBLS can be created through the tools freight-forwarders already use, as part of their daily processes
- eFBL can be printed or used as a digital document – in both cases the document is protected and verifiable

Project timeline



Current status:

- 20 software providers
- 9 Association members

eFBL data standard

- eFBL data standard, based on UN/CEFACT semantic to ensure the data exchanged can be understood in the same way by all actors of the supply chain
- Officially launched together with UNECE on March 10 2022 – [Press release](#)
- FIATA expects its standard to become the main global standard for all House Bill of Ladings, noting the compatibility with other BLs



eFBL data standard available as open source on Git Hub:

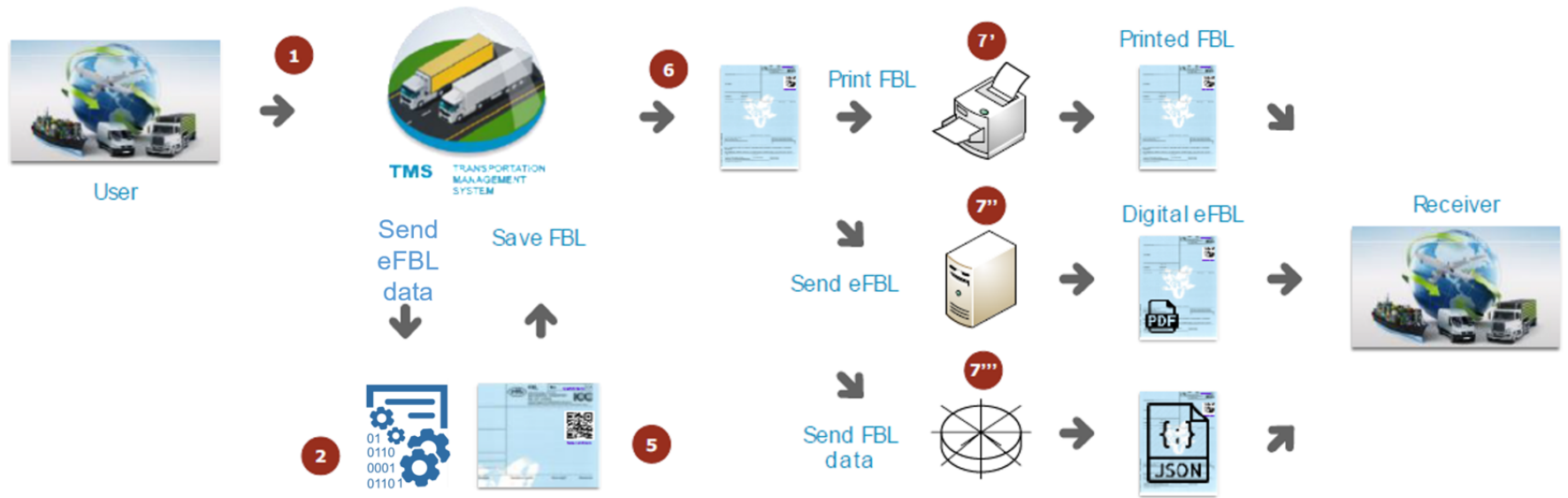
<https://github.com/FIATA/eFBL>



API service to issue secured FIATA BLs

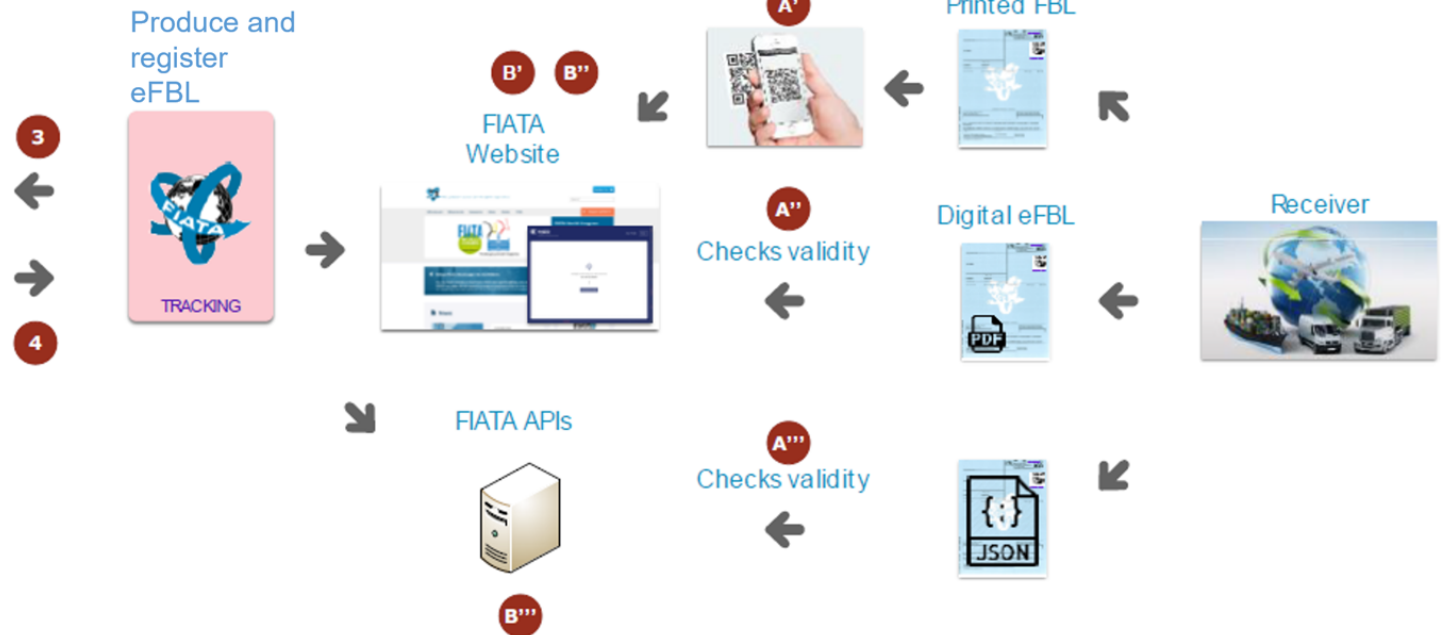
- API service open to all software providers (TMS, eBL providers and other software) interested
- Allows to connect with FIATA to generate secured FIATA BLs, based on data generated in alignment with the eFBL data standard
- Pragmatic solution allowing to move from paper documents to secured FBL PDFs, allowing freight-forwarders to still print the document at anytime if needed.
- These Bill of Ladings can be validated in Realtime by stakeholders





Process to issue & validate eFBLS

Link with FIATA Identity provider



Bringing trust and security through digitalisation

- All documents registered on an **immutable ledger**, protecting them against fraud risks
- All stakeholders can **verify the document at anytime**, by scanning the QR code or by uploading the document on FIATA's verification page, giving them access to the document audit trail
- Document audit trail certifies:
 - The **validity** of the document
 - The **identity** of the document issuer
 - The **integrity** of its content

FIATA

Consignor
Consignor Test GmbH
Steuber Ports
43591 South Whittier
Pitcairn Islands
(300) 453-6378

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WORLD

Consigned to order of
Williamson - O'Hara
Graham Glenn
93764-0627 Hemet
Saint Barthelmy

Notify address
Zieme, Nicolas and Tremblay
Meaghan Estates
88159 Baldwin Park
Malaysia

Place of receipt
Hale Inc.

Ocean vessel
Cargo Van

Port of loading
Rustic Concrete Tuna

Port of discharge
Banton, Frani and Cole

Place of delivery
Bogsich LLC

Waters - Stark
Anyia Burgs
10248 Sarasota
Pitcairn Islands
1-881-224-1308

Document registered by FIATA. Verify it on www.fiata.org/document-verification

Trakk powered by Kooing

Document registered by FIATA. Verify it on www.fiata.org/document-verification

Mark and numbers
SVUE
P9JX
Y_#3
YCDK
RJFJ

Number and kind of packages
63,329,251 Sapiente quis officia aspernatur quia est enim.
761,882 Amet excepturi vero.
38,772,296 Perferendis ratione qui voluptatem explicabo.
14,950,157 Suscipit cupiditate atque vero non quae architecto et
11,574,677 Sed officis doloris molestias sed everset omnis.

Gross Weight
397,164 kg
228,082 kg
414,288 kg
708,151 kg
218,041 kg

Measurement
288,705 m³
559,710 m³
990,888 m³
27,150 m³
502,011 m³

PLEASE SEE ATTACHED RIDER FOR DETAILED DESCRIPTION OF GOODS

Contractual clauses
h et qui eos.

according to the declaration of the consignor

Declaration of Interest of the consignor in timely delivery (Clause 6.2.)

Declared value for ad valorem rate according to the declaration of the consignor (Clauses 7 and 8)

43095 BMD

The goods and instructions are accepted and dealt with subject to the Standard Conditions printed overleaf.
Taken in charge in apparent good order and condition, unless otherwise noted herein, at the place of receipt for transport and delivery as mentioned above.
One of these Multimodal Transport Bills of Lading must be surrendered duly endorsed in exchange for the goods. In Witness whereof the original Multimodal Transport Bills of Lading all of this tenor and date have been signed in the number stated below, one of which being accomplished the other(s) to be void.

Freight amount
41134 SOS

Freight payable at
Dundalk

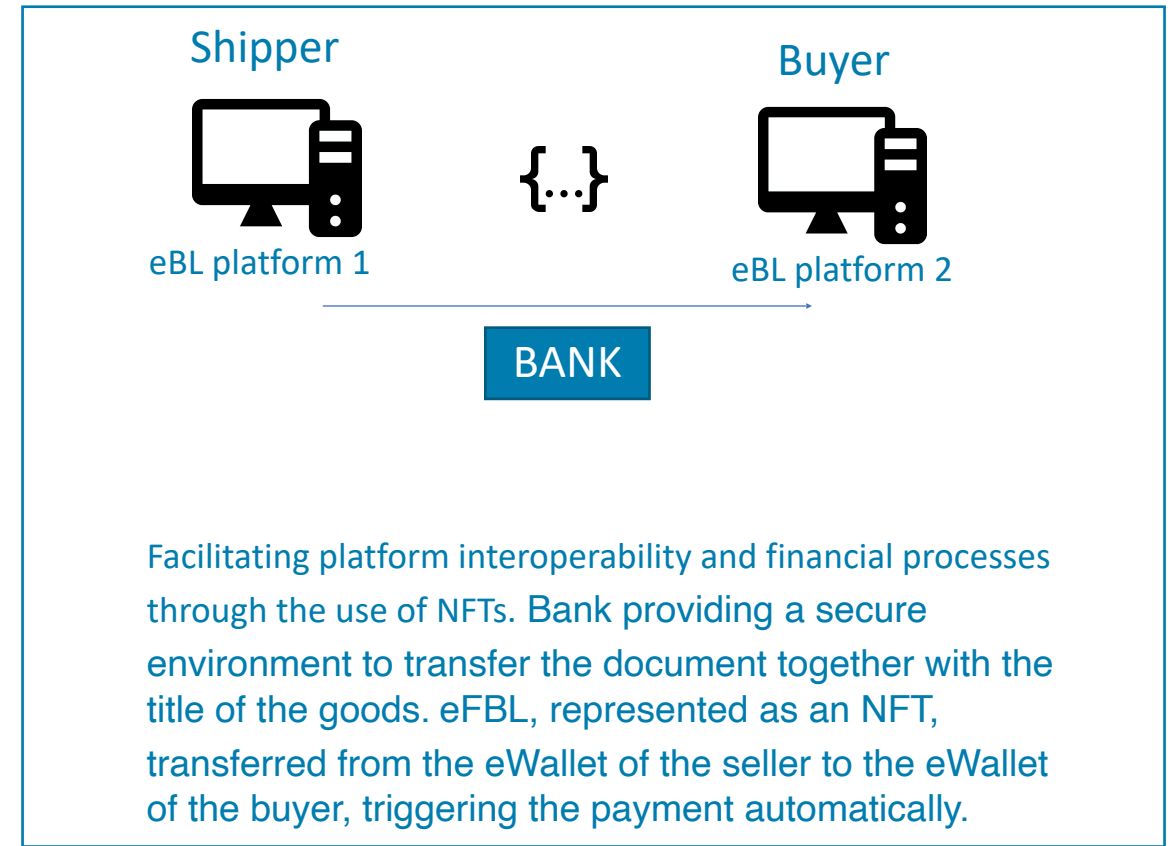
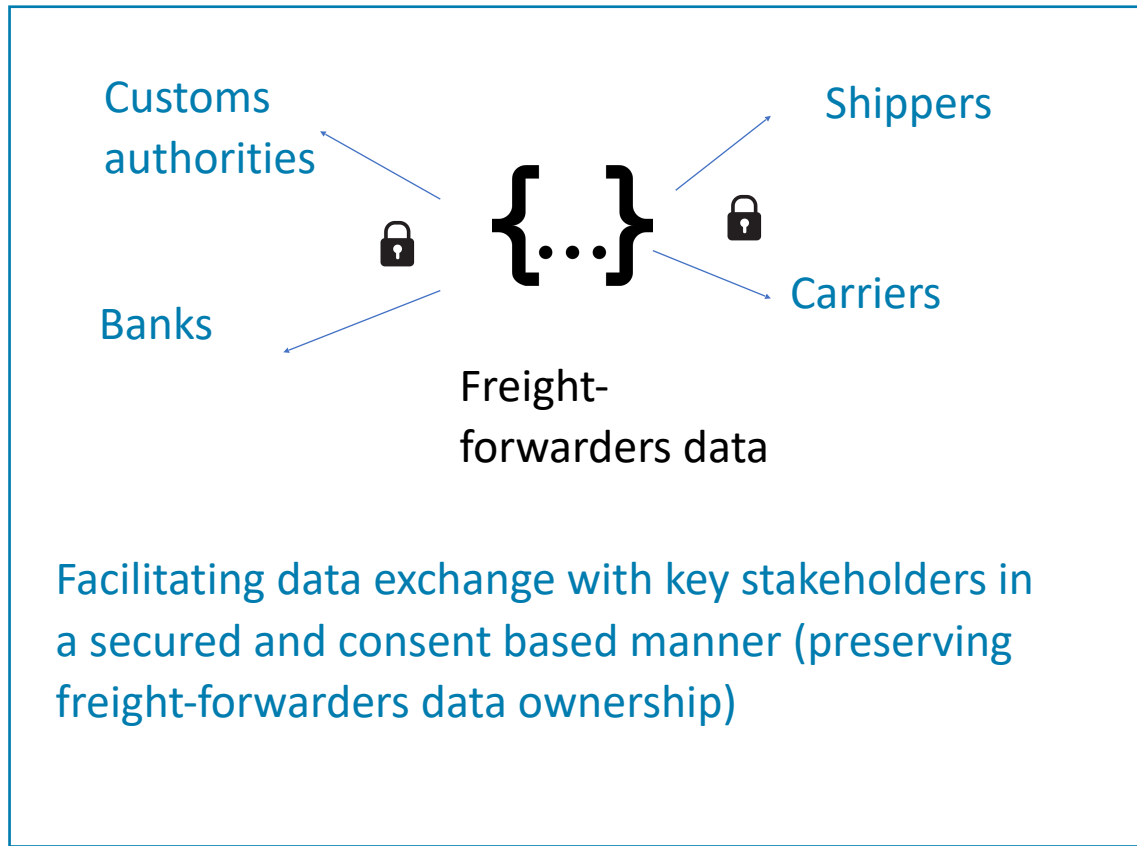
Place and date of issue
Peoria 2022-10-08T22:49:42.595Z

Cargo Insurance through the undersigned

Number of Original FBL's

Stamp and signature

Next steps: data exchange, interoperability and legal acceptance



FIT Alliance

Since the beginning FIATA recognized the importance of collaboration to move forward with the digitalisation of the supply chain.

In January this year, FIATA signed an MoU with DCSA, ICC, BIMCO and SWIFT to form the Future International Trade (FIT) Alliance.

The scope of the Alliance is to collaborate on the development and adoption of relevant standards to facilitate the use of electronic bills of lading.



Questions???

Website: <https://www.efbl.fiata.org/>

Contact us at: digital@fiata.org



Thank you



www.fiata.com
info@fiata.com
[@fiatafederation](https://www.instagram.com/fiatafederation)