

# Solution Area-A

## Digital Business Documents & Product Information

eReceipt kick-off 2  
13. December 2022  
Ole Madsen

# 3 meetings

- 29. November, from 11:00 to 12:00 CET
- 13. December from 11:00 to 12:00 CET
- 10. January from 11:00 to 12:00 CET

# What is needed from you

3 hours of your time

Deliver one XML example 8. january 2023

- - welcome to change my example
- - ideas for Endpoint and routing

# 10. of January

- We will discuss XML –examples
- Discuss how to use PEPPOL network

# Invoiceline

```
<cac:InvoiceLine>  
<cbc:ID>2</cbc:ID>  
<cbc:InvoicedQuantity unitCode="EA">1</cbc:InvoicedQuantity>  
  <cbc:LineExtensionAmount currencyID="DKK">520</cbc:LineExtensionAmount>  
  <cac:Item>  
    <cbc:Name>Standard daytime trip</cbc:Name>  
    <cac:ClassifiedTaxCategory>  
      <cbc:ID>S</cbc:ID>  
      <cbc:Percent>25</cbc:Percent>  
      <cac:TaxScheme>  
        <cbc:ID>VAT</cbc:ID>  
      </cac:TaxScheme>
```

# Open ended codelist

- AdditionalItemProperty

# 3 TransactionID?

```
<cac:AdditionalItemProperty>  
  <cbc:Name>CreditCardTransactionID</cbc:Name>  
  <cbc:Value>CCtxad1177to</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>PaymentTransactionID</cbc:Name>  
  <cbc:Value>PPtxad1177to</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>POSReceiptTransactionID</cbc:Name>  
  <cbc:Value>PRtxad1177to</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>TransactionDescription</cbc:Name>  
  <cbc:Value>CompanyDeal</cbc:Value>  
</cac:AdditionalItemProperty>
```

# Carbon Footprint

```
<cac:AdditionalItemProperty>  
  <cbc:Name>SavedCarbonFootprintCO2e</cbc:Name>  
  <cbc:Value>120</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>LicensePlate</cbc:Name>  
  <cbc:Value>DK-ST47212</cbc:Value>  
</cac:AdditionalItemProperty>
```

# Departure and Arrival

```
<cac:AdditionalItemProperty>  
  <cbc:Name>DepartureLocation</cbc:Name>  
  <cbc:Value>CopenhagenAirport</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>ArrivalLocation</cbc:Name>  
  <cbc:Value>Hotel Amager</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>DigitalReceipt</cbc:Name>  
  <cbc:Value>Yes</cbc:Value>  
</cac:AdditionalItemProperty>
```

# About length and duration

```
<cac:AdditionalItemProperty>  
  <cbc:Name>CompanyName</cbc:Name>  
  <cbc:Value>Fyrtårn Grøn Taxa</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>TripLengthKm</cbc:Name>  
  <cbc:Value>12</cbc:Value>  
</cac:AdditionalItemProperty>  
<cac:AdditionalItemProperty>  
  <cbc:Name>TripDuration</cbc:Name>  
  <cbc:Value>10.10</cbc:Value>  
</cac:AdditionalItemProperty>
```

# Conceptual model

- Routing between PEPPOL and eReceipt-network
- How should this be done?
- Who is sender on the Envelope?
- Who is receiver on the Envelope?

# SBD

<StandardBusinessDocument>

<StandardBusinessDocumentHeader><HeaderVersion>1.0</HeaderVersion>

<Sender>

    <Identifier Authority="iso6523-actorid-upis">0088:5798009882783</Identifier>

</Sender>

<Receiver>

    <Identifier Authority="iso6523-actorid-upis">0088:5798009882790</Identifier>

</Receiver>

# DocumentIdentification

```
<DocumentIdentification>  
  <Standard>urn:oasis:names:specification:ubl:schema:xsd:Invoice-2</Standard>  
  <TypeVersion>2.1</TypeVersion>  
  
  <InstanceIdentifier>GUIDPPtxad1177toPRtxad1177to</InstanceIdentifier>  
  <Type>Invoice</Type>  
  
  <CreationDateAndTime>2023-09-20T11:10:35.900+03:00</CreationDateAndTime>  
</DocumentIdentification>
```

# BusinessScope

```
<Scope>
  <Type>DOCUMENTID</Type>
  <InstanceIdentifier>urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:cen.eu:en16931:2022#compliant#urn:fdc:nsgb:2023:ereceipt:1.0</InstanceIdentifier>
</Scope>
<Scope>
  <Type>PROCESSID</Type>
  <InstanceIdentifier>urn:fdc:nsgb:2023:ereceipt:01:1.0</InstanceIdentifier>
</Scope>
<Scope>
  <Type>ROUTING</Type>
  <InstanceIdentifier>0088:5798009882790TOCREDITCARDORGANISATION0184:DK25430611</InstanceIdentifier>
</Scope>
```

# Payload

- Fase 1 – inside Invoice
- Fase 2 – own Retail Receipt document

# Questions concerning the Pilot

1. What kind of credit cards will be used in the pilot, Credit card with Company or Private liability?

Ad. 1: In the pilot we will have 2 test examples

- One example Credit card with Company liability
- One example Credit card with Private liability

# Questions concerning the Pilot

2. What kind of solution will connect the payment transaction to the Receipt transaction?

Ad. 2: In the pilot we will simulate that a GUID based on a combination of the PaymentTransactionID and the POSReceiptTransactionID will do the magic trick.

# Questions concerning the Pilot

3. How does the NSG&B consider the use of service providers and their function and role in the workflow of eReceipts?

Ad. 3: In the pilot a service provider distributes the eReceipt from one AP (in NSG&B typical in one Nordic country) to another AP (in NSG&B typical another Nordic country) and a service provider (maybe another) distributes from Corner 3 to Corner 4.

# Questions concerning the Pilot

4. How does this fit the 4-corner model and how will this meet the possible need to expand the eReceipt project to the private sector, which covers more than 95 % of the receipt market, even in the B2B segment?

Ad. 4: In the pilot we use PEPPOL network. PEPPOL do only allow B2B and B2G. PEPPOL do not allow B2C. For this we can consider EU eDelivery.