```abap
/* Freek Keijzer, myBrand, 20.03.2020
Basic data for Commitments from Procurement
Source tables:
COOI   - "Commitments Management: Line Items"
EKKN   - "Account Assignment in Purchasing Document"

Only "Reference Document Category" = 'Purchase Order'.
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Change-log:
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@EndUserText.label: 'PUR: Data for Commitments'
@AbapCatalog.sqlViewName: 'ZBPURCOOI'

@AbapCatalog.compiler.compareFilter: true
@AbapCatalog.preserveKey: true
@AccessControl.authorizationCheck: #CHECK

define view ZB_PUR_COOI as select from cooi
  inner join ekkn
    on ekkn.ebeln = cooi.refbn and
       ekkn.ebelp = cooi.rfpos
  left outer join tka01
    on tka01.kokrs = cooi.kokrs
{
//--Fields from table COOI
key cooi.refbt,                             //Reference Document Category (cooi.refbt)
key cooi.refbn,                             //Reference Document (cooi.refbn)
key cooi.rfpos,                             //Reference Document Item (cooi.rfpos)
key cooi.rfknt,                             //Account Assignment Number of Reference Document (cooi.rfknt)
key cooi.rftrm,                             //Deadline Item of Reference Document (cooi.rftrm)
key cooi.rfart,                             //Reference Document Type (cooi.rfart)
key cooi.lifnr,                             //Account Number of Vendor or Creditor (cooi.lifnr)
key cooi.lednr,                             //Ledger for Controlling Objects (cooi.lifnr)
key cooi.objnr,                             //Object number (cooi.objnr)
key cooi.hrkft,                             //CO key subnumber (cooi.hrkft)
key cooi.rforg,                             //Reference Organizational Units (cooi.hrkft)
key cooi.rftyp,                             //Reference procedure(cooi.rftyp)
key cooi.rfsys,                             //Logical system of source document (cooi.rfsys)
    cooi.gjahr,                             //Fiscal Year (cooi.gjahr)
    cooi.vbund,                             //Company ID of trading partner (cooi.vbund)
    cooi.beknz,                             //Debit/credit indicator (cooi.beknz)
    cooi.bldat,                             //Document Date (cooi.bldat)
    cooi.budat,                             //Expected Debit Date (cooi.budat)
    cooi.perio,                             //Period (cooi.perio)
    cooi.bukrs,                             //Company Code (cooi.bukrs)
    cooi.kokrs,                             //Controlling Area (cooi.kokrs)
    cooi.matnr,                             //Material (cooi.matnr)
    cooi.matkl,                             //Material Group (cooi.matkl)
    cooi.sgtxt,                             //Segment text (cooi.sgtxt)
    cooi.gesmng,                            //Planned Quantity (cooi.gesmng, unit: cooi.meinh)
    cooi.meinh,                             //Unit of Measure (cooi.meinh)
    cooi.megbtr,                            //Total Quantity (cooi.megbtr, unit: cooi.meinh)
    cooi.orgwtk,                            //Planned Value in Controlling Area Currency (cooi.orgwtk, currency: tka01.waers)
    cooi.wkgbtr,                            //Total Value in Controlling Area Currency (cooi.wkgbtr, currency: tka01.waers)
    cooi.loekz,                             //Deletion indicator in purchasing document (cooi.loekz)
    cooi.timestmp,                          //Timestamp (cooi.timestmp)

//--Fields from table TKA01
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    tka01.waers,                           //Currency Key (tka01.waers)

//--Fields from table EKKN
    ekkn.sakto,                            //G/L Account Number (ekkn.sakto)
    ekkn.kostl,                            //Cost Center (ekkn.kostl)
    ekkn.aufnr,                            //Order Number (ekkn.aufnr)
    ekkn.prctr,                            //Profit Center (ekkn.prctr)
    ekkn.ps_psp_pnr as pspnr,              //WBS-element, NUMC-8 (ekkn.ps_psp_pnr)

//--Generic counter
    1 as Counter                           //Generic counter for records in table/view
}
where cooi.refbt = '020'  //--Only "Reference Document Category" = 'Purchase Order'
```