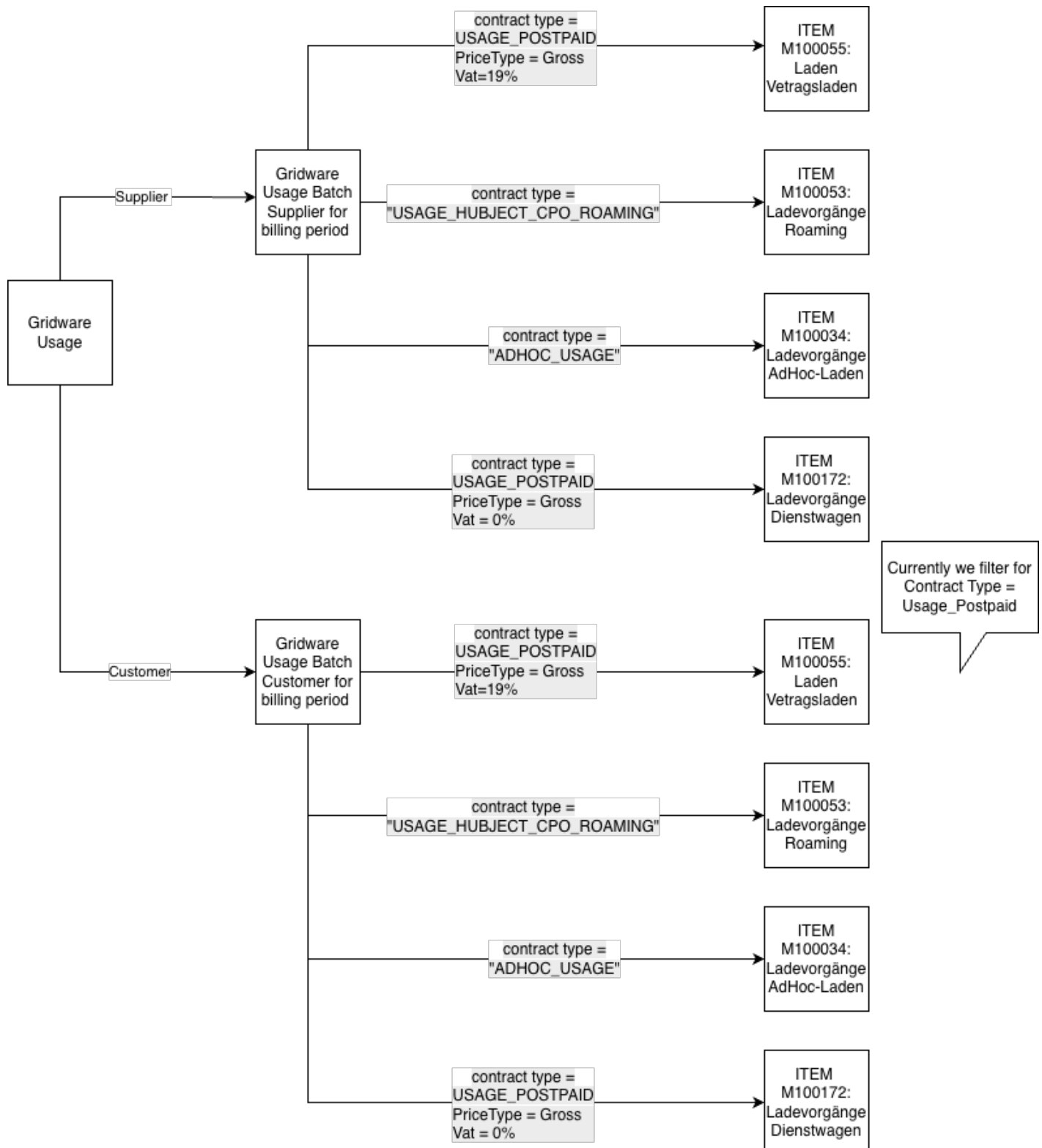


Arbeitspaket Vorbereitung: Contracts & Batches



Contract Types via Contract API:

USAGE_HUBJECT_CPO_ROAMING

- Invoicing Party to Customer: external EMP (Grid&Co) because its his customers
- Contract in Gridware: Hubject CPO roaming for external EMPs
- What needs to be done in ERP Next is:
 - Money In: EMP (Contractor) in this case Grid&Co receives Invoice —> [M100068:](#)

Leistungen EMP / Roaming

- Money Out: CPO (Supplier) receive credit note —> [M100053: Ladevorgänge](#)

Roaming

```
{
  "internalInformation": "Hubject CPO Roamingvertrag AC5",
  "contractId": 506,
  "contractNumber": "BEC-V-00001505",
  "selector": "RentalObjectMatchingAll(HasAnyEvseId(\"DE*GUC*E*BEC*0039\"), HasSupplier(244, \"CONTRACT_GIVER\"))",
  "affectedHierarchyElements": {
    "areas": 0,
    "territories": 1,
    "chargingStations": 1,
    "wagoSocketCabinets": 0
  },
  "contractType": "USAGE_HUBJECT_CPO_ROAMING",
  "activeFrom": "2026-02-28T23:00:00Z",
  "activeUntil": "2026-05-31T21:59:59.999Z",
  "supplierFirst": {
    "id": 244,
    "identifier": "Loeser-Budelmann GbR",
    "supplierNumber": "BEC-L-00001243",
    "contractorId": 203,
    "contractorType": "ORGANIZATION"
  },
  "billingPeriod": "MONTHLY",
  "details": {
    "hubjectProductId": "AC5",
    "operatorDefaultProduct": false,
    "priority": 1,
    "rule": "PricePerKWh(\"0.462\")",
    "priceType": "NET",
    "priceRuleReferenceCurrency": "EUR",
    "vat": 19,
    "contractorInvoicingId": 362,
    "contractorInvoicing": {
      "id": 362,
      "identifier": "Grid & Co. GmbH",
      "supplierNumber": "BEC-L-00001361",
      "contractorId": 289,
      "contractorType": "ORGANIZATION"
    }
  }
}
```

USAGE_POSTPAID

- Invoicing Party to Customer: becharged via SEPA or Invoicing
- In Gridware: Usage contract (billable)

- What needs to be done in ERP Next is:

- Money In: Every Contract Customer receives Invoice —> [M100055:](#)

Ladevorgänge Vertragsladen

- Money out: CPO (Supplier) receives credit note —> [M100055: Ladevorgänge](#)

Vertragsladen

```
{
  "internalInformation": "Ladevertrag WEG Heusteig-Living",
  "customerInformation": "Ladevertrag WEG Heusteig-Living",
  "contractId": 524,
  "contractNumber": "BEC-V-00001523",
  "selector": "RentalObjectMatchingAll(HasSupplier(219, \"CONTRACT_GIVER\"))",
  "affectedHierarchyElements": {
    "areas": 0,
    "territories": 4,
    "chargingStations": 35,
    "wagoSocketCabinets": 0
  },
  "contractType": "USAGE_POSTPAID",
  "activeFrom": "2026-03-17T08:14:22.263Z",
  "supplierFirst": {
    "id": 219,
    "identifier": "WEG Heusteig-Living Stuttgart",
    "supplierNumber": "BEC-L-00001218",
    "contractorId": 179,
    "contractorType": "ORGANIZATION"
  },
  "billingPeriod": "MONTHLY",
  "details": {
    "priority": 3,
    "rule": "PricePerKWh(\"0.35\")",
    "priceType": "GROSS",
    "priceRuleReferenceCurrency": "EUR",
    "vat": 19,
    "paymentProviderTransactionLimit": 70,
    "customerInfo": {
      "persons": 19,
      "organizations": 4
    },
    "contractorInvoicingId": 101,
    "contractorInvoicing": {
      "id": 101,
      "identifier": "becharged GmbH",
      "supplierNumber": "BEC-L-00001100",
      "operatorId": "DE*BEC",
      "contractorId": 101,
      "contractorType": "ORGANIZATION"
    },
    "paymentMethods": [
      "SEPA"
    ]
  }
}
```

USAGE_POSTPAID CC (Company Car)

* Speciality: 0% VAT

* Supplier is the employee that drives the company car, customer is company that pays for electricity, Elsewise same handling as normal Usage_postpaid

```

"internalInformation": "Günter Bausanierung Dienstwagenfahrer Preis",
"contractId": 529,
"contractNumber": "BEC-V-00001528",
"selector": "RentalObjectMatchingAll(HasSupplier(406, \"CONTRACT_GIVER\"))",
"affectedHierarchyElements": {
  "areas": 0,
  "territories": 1,
  "chargingStations": 1,
  "wagoSocketCabinets": 0
},
"contractType": "USAGE_POSTPAID",
"activeFrom": "2026-05-07T07:59:48.916Z",
"supplierFirst": {
  "id": 406,
  "identifier": "Frank Rosenfelder",
  "supplierNumber": "BEC-L-00001405",
  "contractorId": 588,
  "contractorType": "PERSON"
},
"billingPeriod": "MONTHLY",
"details": {
  "priority": 1,
  "rule": "PricePerKWh(\"0.3436\")",
  "priceType": "GROSS",
  "priceRuleReferenceCurrency": "EUR",
  "vat": 0,
  "customerInfo": {
    "persons": 0,
    "organizations": 1,
    "singleCustomerName": "Günter Bausanierung GmbH",
    "singleCustomerSubjectType": "ORGANIZATION"
  },
  "contractorInvoicingId": 101,
  "contractorInvoicing": {
    "id": 101,
    "identifier": "becharged GmbH",
    "supplierNumber": "BEC-L-00001100",
    "operatorId": "DE*BEC",
    "contractorId": 101,
    "contractorType": "ORGANIZATION"
  },
  "paymentMethods": [
    "INVOICE"
  ]
}

```

AUTHORIZATION

- Invoicing Party to Customer: No one because its not billed
- In Gridware: Authorization contract
- What needs to be done in ERP Next is: Store usage and contract information

```

"internalInformation": "Ja Sport Autorisierungsvertrag internal (Nur Standort Gerlingen)",
"customerInformation": "JA Sport internal",
"contractId": 504,
"contractNumber": "BEC-V-00001503",
"selector": "RentalObjectMatchingAll(InTerritory(\"Gerlingen\"))",
"affectedHierarchyElements": {
  "areas": 0,
  "territories": 4,
  "chargingStations": 2,
  "wagoSocketCabinets": 0
},
"contractType": "AUTHORIZATION",
"activeFrom": "2026-02-23T12:01:13.247Z",
"supplierFirst": {
  "id": 101,
  "identifier": "becharged GmbH",
  "supplierNumber": "BEC-L-00001100",
  "operatorId": "DE*BEC",
  "contractorId": 101,
  "contractorType": "ORGANIZATION"
},
"billingPeriod": "MONTHLY",
"details": {
  "supplierSecond": {
    "id": 158,
    "identifier": "JA Sports GmbH",
    "supplierNumber": "BEC-L-00001157",
    "contractorId": 150,
    "contractorType": "ORGANIZATION"
  }
}

```

USAGE_ADHOC

- Invoicing Party to Customer: becharged through pay as you go
- In Gridware: Adhoc usage contract
- What needs to be done in ERP Next is:
 - Money In: Anonymous Customers pay via PayPal, Stripe or Payter and receive a receipt
 - Money out: CPO (Supplier) receives credit note —> **M100034: Ladevorgänge AdHoc-Laden**

```

"internalInformation": "AdHoc Nutzungsvertrag Fabian Ringwald",
"contractId": 503,
"contractNumber": "BEC-V-00001502",
"selector": "RentalObjectMatchingAll(HasSupplier(363, \"CONTRACT_GIVER\"), IsEvse())",
"affectedHierarchyElements": {
  "areas": 0,
  "territories": 2,
  "chargingStations": 2,
  "wagoSocketCabinets": 0
},
"contractType": "USAGE_ADHOC",
"activeFrom": "2026-02-19T21:31:25.761Z",
"supplierFirst": {
  "id": 363,
  "identifier": "Fabian Ringwald",
  "supplierNumber": "BEC-L-00001362",
  "contractorId": 463,
  "contractorType": "PERSON"
},
"billingPeriod": "MONTHLY",
"details": {
  "priority": 1,
  "rule": "MinPrice(\"2.5\", PricePerKwh(\"0.55\")) + BlockingFee(StartingAt(\"UsageIdles\"),
Between(\"08:00\", \"18:00\", \"Europe/Berlin\"), AfterGracePeriodOf(\"1 hour\"),
PricePerHour(\"1\")) + BlockingFee(StartingAt(\"UsageIdles\"), Between(\"18:00\", \"08:00\",
\"Europe/Berlin\"), AfterGracePeriodOf(\"4 hours\"), PricePerHour(\"0\"))",
  "priceType": "GROSS",
  "priceRuleReferenceCurrency": "EUR",
  "vat": 19,
  "paymentProviderTransactionLimit": 70,
  "showContractGiverOnReceipt": true,
  "contractorInvoicingId": 101,
  "contractorInvoicing": {
    "id": 101,
    "identifier": "becharged GmbH",
    "supplierNumber": "BEC-L-00001100",
    "operatorId": "DE*BEC",
    "contractorId": 101,
    "contractorType": "ORGANIZATION"
  }
}

```

EMP_USAGE_INTERNAL

- Similar to Usage Postpaid, but with different offers and pricing
- Invoicing Party to Customer: becharged via SEPA or Invoicing
- In Gridware: EMP contract
- What needs to be done in ERP Next is:
 - Money In: Every Contract Customer receives Invoice —> [M100055: Ladevorgänge Vertragsladen](#)
 - Money out: CPO (Supplier) receives credit note —> [M100034: Ladevorgänge AdHoc-Laden](#)

```
"internalInformation": "Corporate Benefit EGT Energy Solutions GmbH",
"contractId": 501,
"contractNumber": "BEC-V-00001500",
"affectedHierarchyElements": {
  "areas": 4,
  "territories": 4,
  "chargingStations": 35,
  "wagoSocketCabinets": 0
},
"contractType": "EMP_USAGE_INTERNAL",
"activeFrom": "2026-02-19T20:52:37.975Z",
"supplierFirst": {
  "id": 153,
  "identifier": "EGT Energy Solutions GmbH (CP0)",
  "supplierNumber": "BEC-L-00001152",
  "contractorId": 147,
  "contractorType": "ORGANIZATION"
},
"billingPeriod": "MONTHLY",
"details": {
  "priority": 1,
  "rule": "CpoPrice()",
  "priceType": "GROSS",
  "priceRuleReferenceCurrency": "EUR",
  "vat": 19,
  "customerInfo": {
    "persons": 1,
    "organizations": 0,
    "singleCustomerName": "Testnutzer Testnutzer",
    "singleCustomerSubjectType": "PERSON"
  },
  "contractorInvoicingId": 101,
  "contractorInvoicing": {
    "id": 101,
    "identifier": "becharged GmbH",
    "supplierNumber": "BEC-L-00001100",
    "operatorId": "DE*BEC",
    "contractorId": 101,
    "contractorType": "ORGANIZATION"
  },
  "paymentMethods": [
    "SEPA"
```

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