

INTRODUCTION

SCOPI API offers the possibility to integrate your SCOPI data with other systems, allowing to read, insert and update data. In this document you'll find all information needed to do all the requests and integrate SCOPI according to your necessities.

The access to API is allowed only for SCOPI customers. Each client has an unique credential that is used to authenticate on API. To make any request, is necessary to include an access token that is generated through an authentication endpoint and your credentials. The token expires in 24 hours. Each request that is made during this period will renew the token for more 24 hours. After the token expires is necessary to generate another one.

For more information, please contact our support team at suporte@scopi.com.br.

AUTHENTICATION

POST /api/oauth/token

Authenticates through customer credentials and returns the access token.

BODY PARAMS

*grant_type	Access type. Valid value: client_credentials.
string	
*client_id	Client identification.
string	
*client_secret	Client token.
string	

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/oauth/token' \
  -H 'content-type: application/json' \
  -d '{
    "grant_type": "client_credentials",
    "client_id": <<client_id>>,
    "client_secret": <<client_secret>>
  }'
```

JSON RESPONSE

```
{
  "access_token": <<access_token>>,
  "token_type": "bearer",
  "expires_in": 86400,
  "created_at": 1500000000
}
```

POST /api/oauth/token/refresh

Renew the access token and returns a new expiration date.

BODY PARAMS

***access_token** Access token.
string

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/oauth/token/refresh' \  
-H 'content-type: application/json' \  
-d '{  
  "access_token": <<access_token>>  
}'
```

JSON RESPONSE

```
{  
  "message": "Access token was refreshed",  
  "expiration_date": 2018-01-01T00:00:00.000-00:00  
}
```

USERS

GET /users

Returns an users list.

QUERY PARAMS

active Searches users by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \  
'https://api.scopi.com.br/api/v3/users?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "John",  
    "email": "john@company.com",  
    "active": true  
  },  
  {  
    "id": 2,  
    "name": "Mary",  
    "email": "mary@company.com",  
    "active": true  
  }  
]
```

DIVISIONS

GET /divisions

Returns a divisions list.

CURL REQUEST

```
curl -X GET \  
  'https://api.scopi.com.br/api/v3/divisions?access_token=<<access_token>>'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "Administration Department",  
    "strategic_map": {  
      "id": 1,  
      "name": "Company X (2015 - 2020)"  
    }  
  },  
  {  
    "id": 2,  
    "name": "Marketing",  
    "strategic_map": {  
      "id": 1,  
      "name": "Company X (2015 - 2020)"  
    }  
  }  
]
```

OBJECTIVES

GET /objectives

Returns an objectives list.

QUERY PARAMS

active Search active/inactive objectives. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \  
'https://api.scopi.com.br/api/v3/objectives?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "Increase revenue and profit",  
    "active": true,  
    "strategic_map": {  
      "id": 1,  
      "name": "Company X (2015 - 2020)"  
    }  
  },  
  {  
    "id": 2,  
    "name": "Improve infrastructure conditions",  
    "active": true,  
    "strategic_map": {  
      "id": 1,  
      "name": "Company X (2015 - 2020)"  
    }  
  }  
]
```

INDICATORS

GET /indicators

Returns an indicators list.

QUERY PARAMS

active boolean	Searches indicators by active/inactive. Valid values: true or false.
objective_id string	Searches indicators by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches indicators by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches indicators by coordinator. Valid values: one or more comma-separated ids.
responsible_id string	Searches indicators by responsible. Valid values: one or more comma-separated ids.
nivel string	Searches indicators by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.

CURL REQUEST

```
curl -X GET \  
  'https://api.scopi.com.br/api/v3/indicators?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "Sales",  
    "description": "Sales amount per month",  
    "nivel": 3,  
    "lines": 0,  
    "active": true,  
    "division": {  
      "id": 1,  
      "name": "Administration department"  
    },  
    "objective": {  
      "id": 1,  
      "name": "Increase revenue and profit"  
    },  
    "coordinator": {  
      "id": 1,  
      "name": "John"  
    },  
    "responsible": {  
      "id": 2,  
      "name": "Mary"  
    }  
  }  
]
```

GET /indicators/list

Returns an compact indicators list.

QUERY PARAMS

active boolean	Searches indicators by active/inactive. Valid values: true or false.
objective_id string	Searches indicators by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches indicators by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches indicators by coordinator. Valid values: one or more comma-separated ids.
responsible_id string	Searches indicators by responsible. Valid values: one or more comma-separated ids.
nivel string	Searches indicators by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/indicators/list?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "Sales",
    "active": true,
    "division": {
      "id": 1,
      "name": "Administration department"
    },
    "objective": {
      "id": 1,
      "name": "Increase revenue and profit"
    }
  },
  {
    "id": 2,
    "name": "Fixed cost",
    "active": true,
    "division": {
      "id": 1,
      "name": "Administration department"
    },
    "objective": {
      "id": 1,
      "name": "Increase revenue and profit"
    }
  }
]
```

GET /indicators/:id*Returns an indicator***PATH PARAMS**

id Indicator id.
integer

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/indicators/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 1,
  "name": "Sales",
  "description": "Sales amount per month",
  "nivel": 3,
  "measure_unit": "R$",
  "source": "Worksheet",
  "tendency": 0,
  "relation": 0,
  "tolerance": 5,
  "lines": 0,
  "active": true,
  "division": {
    "id": 1,
    "name": "Administration department"
  },
  "objective": {
    "id": 1,
    "name": "Increase revenue and profit"
  },
  "coordinator": {
    "id": 1,
    "name": "John"
  },
  "responsible": {
    "id": 2,
    "name": "Mary"
  },
  "series": [
    {
      "serie": "A",
      "name": "Sales",
      "year": 2017,
      "result": {
        "value": 1000000,
        "goal": 1000000,
        "percentage": 100,
        "situation": "reached"
      },
      "lines": [
        {
          "line": 1,
          "category": "January",
          "result": {
            "value": 1000000,

```

```

        "goal": 1000000,
        "percentage": 100,
        "situation": "reached"
      },
    },
    ...
  ]
}

```

PUT /indicators/:id*Updates an indicator.*

PATH PARAMS

Id Indicator id.
integer

BODY PARAMS

***serie** Serie id . Allowed series: A to L.
string
***line** Line id.
integer
year Year set to indicator serie.
integer * Optional. Used internally to verify if the serie belongs to the year given.
value Line value.
double
goal Line goal.
double

CURL REQUEST

```

curl -X PUT 'https://api.scopi.com.br/api/v3/indicators/1' \
  -H 'content-type: application/json' \
  -d '{
    "access_token": <<access_token>>,
    "serie": "A",
    "line": 1,
    "value": "1000000,00"
  }'

```

GET /indicators/:id/series*Returns a compact list of indicator series.*

PATH PARAMS

Id Indicator id.
integer

CURL REQUEST

```

curl -X GET \
  'https://api.scopi.com.br/api/v3/indicators/1/series?access_token=<<access_token>>'

```

JSON RESPONSE

```
[
  {
    "name": "Sales",
    "year": 2020,
    "serie": "A"
  },
  {
    "name": "Sales",
    "year": 2021,
    "serie": "B"
  },
  {
    "name": "Sales",
    "year": 2022,
    "serie": "C"
  }
]
```

GET /indicators/:id/series/:serie/lines

Returns a compact list of serie lines from an indicator.

PATH PARAMS

id	Indicator id.
integer	
serie	Serie id . Allowed series: A to L.
string	

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/indicators/1/series/A/lines?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "line": 1,
    "category": "January"
  },
  {
    "line": 2,
    "category": "February"
  },
  {
    "line": 3,
    "category": "March"
  },
  {
    "line": 4,
    "category": "April"
  },
  {
    "line": 5,
    "category": "May"
  },
]
```

```
{
  "line": 6,
  "category": "June"
},
{
  "line": 7,
  "category": "July"
},
{
  "line": 8,
  "category": "August"
},
{
  "line": 9,
  "category": "September"
},
{
  "line": 10,
  "category": "October"
},
{
  "line": 11,
  "category": "November"
},
{
  "line": 12,
  "category": "December"
}
]
```

PROJETOS

GET /projects

Returns a projects list.

QUERY PARAMS

active boolean	Searches projects by active/inactive. Valid values: true or false.
objective_id string	Searches projects by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches projects by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches projects by coordinator. Valid values: one or more comma-separated ids.
sponsor_id string	Searches projects by sponsor. Valid values: one or more comma-separated ids.
nivel string	Searches projects by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
status string	Searches projects by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (Totally completed), 6 (partially completed), 7 (canceled).

CURL REQUEST

```
curl -X GET \  
'https://api.scopi.com.br/api/v3/projects?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "New building construction",  
    "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",  
    "nivel": 3,  
    "prevision_start": "2017-01-01",  
    "prevision_end": "2018-01-01",  
    "date_start": "2017-01-01",  
    "date_end": null,  
    "status": 3,  
    "active": true,  
    "progress_calculation": 68,  
    "division": {  
      "id": 1,  
      "name": "Administration department"  
    },  
    "objective": {  
      "id": 2,  
      "name": "Improve infrastructure conditions"  
    },  
    "coordinator": {  
      "id": 1,  
      "name": "John"  
    },  
    "sponsor": {  
      "id": 2,
```

```

        "name": "Mary"
    }
}
]

```

GET /projects/list

Returns a compact projects list.

QUERY PARAMS

active boolean	Searches projects by active/inactive. Valid values: true or false.
objective_id string	Searches projects by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches projects by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches projects by coordinator. Valid values: one or more comma-separated ids.
sponsor_id string	Searches projects by sponsor. Valid values: one or more comma-separated ids.
nivel string	Searches projects by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
status string	Searches projects by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (Totally completed), 6 (partially completed), 7 (canceled).

CURL REQUEST

```

curl -X GET \
  'https://api.scopi.com.br/api/v3/projects/list?access_token=<<access_token>>&active=true'

```

JSON RESPONSE

```

[
  {
    "id": 1,
    "name": " New building construction",
    "active": true,
    "division": {
      "id": 1,
      "name": "Administration department"
    },
    "objective": {
      "id": 2,
      "name": "Improve infrastructure conditions"
    }
  }
]

```

GET /projects/:id

Returns a project.

PATH PARAMS

id integer	Project id.
----------------------	-------------

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/projects/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 1,
  "name": "New building construction",
  "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",
  "nivel": 3,
  "prevision_start": "2017-01-01",
  "prevision_end": "2018-01-01",
  "date_start": "2017-01-01",
  "date_end": null,
  "status": 3,
  "active": true,
  "progress_calculation": 68,
  "division": {
    "id": 1,
    "name": "Administration department"
  },
  "objective": {
    "id": 2,
    "name": "Improve infrastructure conditions"
  },
  "coordinator": {
    "id": 1,
    "name": "John"
  },
  "sponsor": {
    "id": 2,
    "name": "Mary"
  },
  "team": [
    {
      "id": 1,
      "name": "John"
    },
    {
      "id": 2,
      "name": "Mary"
    }
  ],
  "indicators": [
    {
      "id": 1,
      "name": "Indicator A"
    },
    {
      "id": 2,
      "name": "Indicator B"
    }
  ],
  "justifications": [
    {
      "name": "Current building does not support all administrative staff"
    }
  ]
}
```



```
"id": 1,
"name": "TO DO",
"description": null,
"active": true,
"actions": [
  {
    "id": 1,
    "name": "Hiring contractors",
    "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",
    "nivel": 3,
    "prevision_start": "2017-01-01",
    "prevision_end": "2017-01-15",
    "date_start": null,
    "date_end": null,
    "status": 1,
    "active": true,
    "effort": "1.0",
    "percentage_completed": null,
    "responsibles": [
      {
        "id": 1,
        "name": "John"
      }
    ]
  }
],
},
{
  "id": 2,
  "name": "DOING",
  "description": null,
  "active": true,
  "actions": []
},
{
  "id": 3,
  "name": "DONE",
  "description": null,
  "active": true,
  "actions": []
}
],
"expenses": [
  {
    "id": 1,
    "name": "Land",
    "expected_date": "2017-01-01",
    "expected_value": "100000.0",
    "date": "2017-01-01",
    "value": "100000.0",
    "reviewed_value": "100100.0",
    "reviewed_date": "100100.0",
    "active": true,
    "responsible": {
      "id": 2,
      "name": "Mary"
    }
  }
]
```

```
    }
  },
  "revenues": [
    {
      "id": 2,
      "name": "Initial budget",
      "expected_date": "2017-01-01",
      "expected_value": "3000000.0",
      "date": "2017-01-01",
      "value": "3000000.0",
      "reviewed_value": "400000.0",
      "reviewed_date": "400000.0",
      "active": true,
      "responsible": {
        "id": 2,
        "name": "Mary"
      }
    }
  ]
}
```

GET /projects/:id/team

Returns a list of project team members.

PATH PARAMS

id	Project id
integer	

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/projects/1/team?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "John"
  },
  {
    "id": 2,
    "name": "Mary"
  }
]
```

GET /projects/:id/phases

Returns a list of project phases.

PATH PARAMS

id	Project id.
integer	

QUERY PARAMS

active
boolean

Searches phases by active/inactive. Valid values: true or false.

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/projects/1/phases?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "TO DO",
    "description": null,
    "active": true,
    "actions": [
      {
        "id": 1,
        "name": "Hiring contractors",
        "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",
        "nivel": 3,
        "prevision_start": "2017-01-01",
        "prevision_end": "2017-01-15",
        "date_start": null,
        "date_end": null,
        "status": 1,
        "active": true,
        "effort": "1.0",
        "percentage_completed": null,
        "responsibles": [
          {
            "id": 1,
            "name": "John"
          }
        ]
      }
    ]
  },
  {
    "id": 2,
    "name": "DOING",
    "description": null,
    "active": true,
    "actions": []
  },
  {
    "id": 3,
    "name": "DONE",
    "description": null,
    "active": true,
    "actions": []
  }
]
```

GET /projects/:id/phases/list

Returns a compact list of project phases.

PATH PARAMS

id Project id.
integer

QUERY PARAMS

active Searches phases by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/projects/1/phases/list?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "TO DO",
    "active": true
  },
  {
    "id": 2,
    "name": "DOING",
    "active": true
  },
  {
    "id": 3,
    "name": "DONE",
    "active": true
  }
]
```

POST /projects/:id/phases

Create a project phase.

PATH PARAMS

id Project id.
integer

BODY PARAMS

***name** Phase name.
string
description Phase description.
string
active Set phase as active or inactive.
boolean

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/v3/projects/1/phases' \
  -H 'content-type: application/json' \
  -d '{
    "access_token": <<access_token>>,
    "name": "TO DO"
  }'
```

GET /projects/:id/finances

Returns a list of project finances.

PATH PARAMS

id Project id.
integer

QUERY PARAMS

finance_type Searches finances by expenses or revenues. Valid values: 0 or 1.
integer
active Searches finances by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/projects/1/finances?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "expenses": [
    {
      "id": 1,
      "name": "Land",
      "expected_date": "2017-01-01",
      "expected_value": "100000.0",
      "date": "2017-01-01",
      "value": "100000.0",
      "reviewed_value": "100100.0",
      "reviewed_date": "100100.0",
      "active": true,
      "responsible": {
        "id": 2,
        "name": "Mary"
      }
    }
  ],
  "revenues": [
    {
      "id": 2,
      "name": "Initial budget",
      "expected_date": "2017-01-01",
      "expected_value": "3000000.0",
      "date": "2017-01-01",
      "value": "3000000.0",
      "reviewed_value": "400000.0",
      "reviewed_date": "400000.0",
      "active": true,
      "responsible": {
        "id": 2,
        "name": "Mary"
      }
    }
  ]
}
```

GET /projects/:id/finances/list

Returns a compact list of project finances (revenues or expenses).

PATH PARAMS

id Project id.
integer

QUERY PARAMS

***finance_type** Searches finances by expenses or revenues. Valid values: 0 or 1.
integer
active Searches finances by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/projects/1/finances/list?finance_type=0&access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 19,
    "name": "Commodi dolor qui occaecati voluptatem reiciendis nihil sed aut.",
    "expected_date": "2022-08-07",
    "expected_value": "100.0"
  },
  {
    "id": 31,
    "name": "Magni recusandae adipisci aut dolor ut voluptatem.",
    "expected_date": "2022-08-06",
    "expected_value": "110.0"
  },
  {
    "id": 21,
    "name": "Voluptatem consequuntur optio nam et aliquam architecto in.",
    "expected_date": "2022-08-04",
    "expected_value": "210.0"
  }
]
```

POST /projects/:id/finances

Create a project finance.

PATH PARAMS

id Project id.
integer

BODY PARAMS

***name** Finance name.
string
***expected_date** Expected date of revenue/expense.
string
***expected_value** Expected value of revenue/expense.
string

*responsible_id	Responsible id.
integer	
*finance_type	Set the finance as an expense (0) or revenue (1).
integer	
date	Executed date of income/payment.
string	
value	Executed value of income/payment.
string	
reviewed_date	Reviewed date of income/payment.
string	
reviewed_value	Reviewed value of income/payment.
string	
active	Set finance as active or inactive.
boolean	

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/v3/projects/1/finances' \
-H 'content-type: application/json' \
-d '{
  "access_token": <<access_token>>,
  "name": "Land",
  "expected_date": "2020-10-21",
  "expected_value": "100000.0",
  "responsible_id": 1,
  "finance_type": 0,
  "date": "2020-10-21",
  "value": "100000.1",
  "reviewed_date": "2020-10-21",
  "reviewed_value": "120000.0",
  "active": true
}'
```

PROCESSES

GET /processes

Returns a processes list.

QUERY PARAMS

active boolean	Searches processes by active/inactive. Valid values: true or false.
objective_id string	Searches processes by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches processes by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches processes by coordinator. Valid values: one or more comma-separated ids.
sponsor_id string	Searches processes by sponsor. Valid values: one or more comma-separated ids.
nivel string	Searches processes by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
status string	Searches processes by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (Totally completed), 6 (partially completed), 7 (canceled).

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "Renew software licenses",
    "description": "Phasellus faucibus lorem leo, eu maximus tellus dignissim auctor.",
    "nivel": 3,
    "prevision_start": "2017-01-01",
    "prevision_end": "2018-01-01",
    "date_start": "2017-01-01",
    "date_end": null,
    "status": 3,
    "active": true,
    "progress_calculation": 90,
    "division": {
      "id": 1,
      "name": "Administration department"
    },
    "objective": {
      "id": 2,
      "name": "Improve infrastructure conditions"
    },
    "coordinator": {
      "id": 1,
      "name": "John"
    },
    "sponsor": {
      "id": 2,
      "name": "Mary"
    }
  }
]
```

```
}
]
```

GET /processes/list

Returns a compact processes list.

QUERY PARAMS

active boolean	Searches processes by active/inactive. Valid values: true or false.
objective_id string	Searches processes by strategic objective. Valid values: one or more comma-separated ids.
division_id string	Searches processes by division. Valid values: one or more comma-separated ids.
coordinator_id string	Searches processes by coordinator. Valid values: one or more comma-separated ids.
sponsor_id string	Searches processes by sponsor. Valid values: one or more comma-separated ids.
nivel string	Searches processes by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
status string	Searches processes by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (Totally completed), 6 (partially completed), 7 (canceled).

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/processes/list?access_token=<<access_token>>&active=true'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "Renew software licenses",
    "active": true,
    "division": {
      "id": 1,
      "name": "Administration department"
    },
    "objective": {
      "id": 2,
      "name": "Improve infrastructure conditions"
    }
  }
]
```

GET /processes/:id

Returns a process.

PATH PARAMS

id integer	Process id.
----------------------	-------------

CURL REQUEST

```
curl -X GET \
```

```
'https://api.scopi.com.br/api/v3/processes/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 1,
  "name": "New building construction",
  "description": "Vivamus enim nibh, condimentum quis felis id, tincidunt commodo nulla",
  "nivel": 3,
  "prevision_start": "2017-01-01",
  "prevision_end": "2018-01-01",
  "date_start": "2017-01-01",
  "date_end": null,
  "status": 3,
  "active": true,
  "progress_calculation": 54,
  "division": {
    "id": 1,
    "name": "Administration department"
  },
  "objective": {
    "id": 2,
    "name": "Improve infrastructure conditions"
  },
  "coordinator": {
    "id": 1,
    "name": "John"
  },
  "sponsor": {
    "id": 2,
    "name": "Mary"
  },
  "team": [
    {
      "id": 1,
      "name": "John"
    },
    {
      "id": 2,
      "name": "Mary"
    }
  ],
  "indicators": [
    {
      "id": 1,
      "name": "Indicator A"
    },
    {
      "id": 2,
      "name": "Indicator B"
    }
  ],
  "justifications": [
    {
      "name": "Current building does not support all administrative staff"
    }
  ],
  "premises": [
```

```
{
  "name": "Have capacity for at least a team of 100 people"
},
"restrictions": [
  {
    "name": "The new building must be sustainable"
  }
],
"risks": [
  {
    "name": "Cuts in the administrative team",
    "countermeasure": "The administration returns to the current building and the new building is allocated to another area",
    "impact": 3,
    "probability": 1
  }
],
"phases": [
  {
    "id": 1,
    "name": "TO DO",
    "description": null,
    "active": true,
    "actions": [
      {
        "id": 1,
        "name": "Operating system licenses",
        "description": "Fusce ut malesuada ligula. Sed tincidunt varius dui.",
        "nivel": 3,
        "prevision_start": "2017-01-01",
        "prevision_end": "2017-01-15",
        "date_start": null,
        "date_end": null,
        "status": 1,
        "active": true,
        "effort": "1.0",
        "percentage_completed": 15,
        "responsibles": [
          {
            "id": 1,
            "name": "John"
          }
        ]
      }
    ]
  }
],
{
  "id": 2,
  "name": "DOING",
  "description": null,
  "active": true,
  "actions": []
},
{
  "id": 3,
  "name": "DONE",
```

```
    "description": null,
    "active": true,
    "actions": []
  },
],
"expenses": [
  {
    "id": 1,
    "name": "License update XYZ",
    "expected_date": "2017-01-01",
    "expected_value": "100000.0",
    "date": "2017-01-01",
    "value": "100000.0",
    "reviewed_value": "400000.0",
    "reviewed_date": "400000.0",
    "active": true,
    "responsible": {
      "id": 2,
      "name": "Mary"
    }
  }
],
"revenues": [
  {
    "id": 2,
    "name": "Initial budget",
    "expected_date": "2017-01-01",
    "expected_value": "30000.0",
    "date": "2017-01-01",
    "value": "30000.0",
    "reviewed_value": "400000.0",
    "reviewed_date": "400000.0",
    "active": true,
    "responsible": {
      "id": 2,
      "name": "Mary"
    }
  }
],
"cycles": [
  {
    "id": 2,
    "name": "Completed on 29/03/2017 13:52"
  },
  {
    "id": 3,
    "name": "Completed on 29/11/2016 12:11"
  }
]
}
```

GET /processes/:id/team

Returns a list of process team members.

PATH PARAMS

id	Process id.
-----------	-------------

integer

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes/1/team?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "John"
  },
  {
    "id": 2,
    "name": "Mary"
  }
]
```

GET /processes/:id/phases

Returns a list of phases of a process cycle.

PATH PARAMS

id Process id.
integer

QUERY PARAMS

active Searches phases by active/inactive. Valid values: true or false.
boolean
cycle_id Searches phases by cycle. Valid values: cycle id.
integer * When blank, will return phases from current cycle.

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes/1/phases?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "TO DO",
    "description": null,
    "active": true,
    "actions": [
      {
        "id": 1,
        "name": "Operating system licenses",
        "description": "Fusce ut malesuada ligula. Sed tincidunt varius dui.",
        "nivel": 3,
        "prevision_start": "2017-01-01",
        "prevision_end": "2017-01-15",
        "date_start": null,
        "date_end": null,
        "status": 1,
        "active": true,
        "effort": "1.0",

```

```
    "percentage_completed": 50,
    "responsibles": [
      {
        "id": 1,
        "name": "John"
      }
    ]
  },
  {
    "id": 2,
    "name": "DOING",
    "description": null,
    "active": true,
    "actions": []
  },
  {
    "id": 3,
    "name": "DONE",
    "description": null,
    "active": true,
    "actions": []
  }
]
```

GET /processes/:id/phases/list

Returns a compact list of phases of a process cycle.

PATH PARAMS

id	Process id.
integer	

QUERY PARAMS

active	Searches phases by active/inactive. Valid values: true or false.
boolean	
cycle_id	Searches phases by cycle. Valid values: cycle id.
integer	* When blank, will return phases from current cycle.

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/processes/1/phases/list?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "TO DO",
    "active": true
  },
  {
    "id": 2,
    "name": "DOING",
    "active": true
  },
]
```

```
{
  "id": 3,
  "name": "DONE",
  "active": true
}
```

POST /processes/:id/phases

Create a process phase on current cycle.

PATH PARAMS

id Process id.
integer

BODY PARAMS

***name** Phase name.
string
description Phase description.
string
active Set phase as active or inactive
boolean

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/v3/processes/1/phases' \
-H 'content-type: application/json' \
-d '{
  "access_token": <<access_token>>,
  "name": "TO DO"
}'
```

GET /processes/:id/cycles

Returns a list of completed cycles from project.

PATH PARAMS

id Process id.
integer

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes/1/cycles?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 2,
    "name": "Completed on 29/03/2017 13:52",
    "created_at": "2017-03-29T16:52:29.000Z"
  },
  {
    "id": 3,
    "name": "Completed on 29/11/2016 12:11",
    "created_at": "2016-03-29T12:11:29.000Z"
  }
]
```

GET /processes/:id/cycles/:cycle_id

Returns a project completed cycle.

PATH PARAMS

id	Process id.
integer	
cycle_id	Cycle id.
integer	

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes/1/cycles/2?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 2,
  "name": "Completed on 29/03/2017 13:52",
  "created_at": "2017-03-29T16:52:29.000Z",
  "phases": [
    {
      "id": 1,
      "name": "TO DO",
      "description": null,
      "active": true,
      "actions": [
        {
          "id": 1,
          "name": "Operating system licenses",
          "description": "Fusce ut malesuada ligula. Sed tincidunt varius dui.",
          "nivel": 3,
          "prevision_start": "2017-01-01",
          "prevision_end": "2017-01-15",
          "date_start": null,
          "date_end": null,
          "status": 1,
          "active": true,
          "effort": "1.0",
          "percentage_completed": 15,
          "responsibles": [
            {
              "id": 1,
              "name": "John"
            }
          ]
        }
      ]
    }
  ],
  "id": 2,
  "name": "DOING",
  "description": null,
  "active": true,
  "actions": [...]
```

```

    "id": 3,
    "name": "DONE",
    "description": null,
    "active": true,
    "actions": [...]
  }
]
}

```

GET /processes/:id/finances

Returns a list of process finances.

PATH PARAMS

id Process id.
integer

QUERY PARAMS

finance_type Searches finances by expenses or revenues. Valid values: 0 or 1.
integer
active Searches finances by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/processes/1/finances?access_token=<<access_token>>'
```

JSON RESPONSE

```

{
  "expenses": [
    {
      "id": 1,
      "name": "Land",
      "expected_date": "2017-01-01",
      "expected_value": "100000.0",
      "date": "2017-01-01",
      "value": "100000.0",
      "reviewed_value": "100100.0",
      "reviewed_date": "100100.0",
      "active": true,
      "responsible": {
        "id": 2,
        "name": "Mary"
      }
    }
  ],
  "revenues": [
    {
      "id": 2,
      "name": "Initial budget",
      "expected_date": "2017-01-01",
      "expected_value": "3000000.0",
      "date": "2017-01-01",
      "value": "3000000.0",
      "reviewed_value": "400000.0",
      "reviewed_date": "400000.0",
      "active": true,
    }
  ]
}

```

```
    "responsible": {
      "id": 2,
      "name": "Mary"
    }
  }
]
```

GET /processes/:id/finances/list

Returns a compact list of process finances (revenues or expenses).

PATH PARAMS

id Process id.
integer

QUERY PARAMS

***finance_type** Searches finances by expenses or revenues. Valid values: 0 or 1.
integer
active Searches finances by active/inactive. Valid values: true or false.
boolean

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/processes/5/finances/list?finance_type=0&access_token=<<accesstoken>>'
```

JSON RESPONSE

```
[
  {
    "id": 19,
    "name": "Commodi dolor qui occaecati voluptatem reiciendis nihil sed aut.",
    "expected_date": "2022-08-07",
    "expected_value": "100.0"
  },
  {
    "id": 31,
    "name": "Magni recusandae adipisci aut dolor ut voluptatem.",
    "expected_date": "2022-08-06",
    "expected_value": "110.0"
  },
  {
    "id": 21,
    "name": "Voluptatem consequuntur optio nam et aliquam architecto in.",
    "expected_date": "2022-08-04",
    "expected_value": "210.0"
  }
]
```

POST /processes/:id/finances

Create a process finance.

PATH PARAMS

id Process id.

integer

BODY PARAMS

*name	Finance name.
string	
*expected_date	Expected date of revenue/expense.
string	
*expected_value	Expected value of revenue/expense.
string	
*responsible_id	Responsible id.
integer	
*finance_type	Set the finance as an expense (0) or revenue (1).
integer	
date	Executed date of income/payment.
string	
value	Executed value of income/payment.
string	
reviewed_date	Reviewed date of income/payment.
string	
reviewed_value	Reviewed value of income/payment.
string	
active	Set finance as active or inactive.
boolean	

CURL REQUEST

```
curl -X POST 'https://api.scopi.com.br/api/v3/processes/1/finances' \
-H 'content-type: application/json' \
-d '{
  "access_token": <<access_token>>,
  "name": "New finance",
  "expected_date": "2020-10-21",
  "expected_value": "100.0",
  "responsible_id": 1,
  "finance_type": 0,
  "date": "2020-10-21",
  "value": "100.1",
  "reviewed_date": "2020-10-21",
  "reviewed_value": "120.0",
  "active": true
}'
```

PHASES

GET /phases/:id

Returns a phase.

PATH PARAMS

id	Phase id.
integer	

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/phases/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 1,
  "name": "TO DO",
  "description": null,
  "active": true,
  "project": {
    "id": 1,
    "name": "New building construction"
  },
  "cycle": {
    "id": 2,
    "name": "Completed on 29/03/2017 13:52"
  },
  "actions": [
    {
      "id": 1,
      "name": "Hiring contractors",
      "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",
      "nivel": 3,
      "prevision_start": "2017-01-01",
      "prevision_end": "2017-01-15",
      "date_start": null,
      "date_end": null,
      "status": 1,
      "active": true,
      "effort": "1.0",
      "percentage_completed": 20,
      "responsibles": [
        {
          "id": 1,
          "name": "John"
        }
      ]
    }
  ]
}
```

* When the cycle attribute is not returned or is returned without content, it indicates that the phase belongs to the current cycle.

PUT /phases/:id*Updates a phase.***PATH PARAMS**

id Phase id.
integer

BODY PARAMS

name Phase name.
string
description Phase description.
string
active Set phase as active or inactive
boolean

CURL REQUEST

```
curl -X PUT 'https://api.scopi.com.br/api/v3/phases/1' \  
-H 'content-type: application/json' \  
-d '{  
  "access_token": <<access_token>>,  
  "active": true  
'
```

GET /phases/:id/actions*Returns a list of phase actions.***PATH PARAMS**

id Phase id.
integer

QUERY PARAMS

active Searches action by active/inactive. Valid values: true or false.
boolean
nivel Searches action by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
string
status Searches action by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (completed), 6 (canceled).
string

CURL REQUEST

```
curl -X GET \  
'https://api.scopi.com.br/api/v3/phases/1/actions?access_token=<<access_token>>'
```

JSON RESPONSE

```
[  
  {  
    "id": 1,  
    "name": "Hiring contractors",  
    "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec bibendum tellus, vitae congue nisi.",  
    "nivel": 3,  
    "prevision_start": "2017-01-01",  
    "prevision_end": "2017-01-15",  
    "date_start": null,
```

```
[
  {
    "date_end": null,
    "status": 1,
    "active": true,
    "effort": "1.0",
    "percentage_completed": null,
    "responsibles": [
      {
        "id": 1,
        "name": "John"
      }
    ]
  }
]
```

GET /phases/:id/actions/list

Returns a compact list of phase actions.

PATH PARAMS

id	Phase id.
integer	

QUERY PARAMS

active	Searches action by active/inactive. Valid values: true or false.
boolean	
nivel	Searches action by level. Valid values: one or more comma-separated level. Allowed levels: 0, 1, 2 or 3.
string	
status	Searches action by status. Valid values: One or more comma-separated status. Allowed status: 1 (not started), 2 (delayed start), 3 (progress on time), 4 (delayed end), 5 (completed), 6 (canceled).
string	

CURL REQUEST

```
curl -X GET \
  'https://api.scopi.com.br/api/v3/phases/1/actions/list?access_token=<<access_token>>'
```

JSON RESPONSE

```
[
  {
    "id": 1,
    "name": "Cumque sed sit deleniti et.",
    "prevision_start": "2022-08-09",
    "prevision_end": "2022-08-16"
  },
  {
    "id": 2,
    "name": "Est qui molestiae alias non.",
    "prevision_start": "2022-08-04",
    "prevision_end": "2022-08-08"
  },
  {
    "id": 67,
    "name": "Labore excepturi vel repellendus quo qui tempore numquam suscipit.",
    "prevision_start": "2022-08-14",
    "prevision_end": "2022-08-18"
  },
  {
    "id": 5,
```

```

    "name": "Libero ut delenitibeatae qui non nam esse.",
    "prevision_start": "2022-08-11",
    "prevision_end": "2022-08-21"
  }
]

```

POST /phases/:id/actions

Create an action phase.

PATH PARAMS

id Phase id.
integer

BODY PARAMS

***name** Action name.
string
description Action description.
string
nivel Action level.
integer
prevision_start Action prevision start.
date
prevision_end Action prevision end
date
date_start Action date start.
date
date_end Action date end.
date
responsible_id Action responsables Valid values: one or more comma-separated
string ids.
active Set action as active or inactive.
boolean

CURL REQUEST

```

curl -X POST 'https://api.scopi.com.br/api/v3/phases/1/actions' \
-H 'content-type: application/json' \
-d '{
  "access_token": <<access_token>>,
  "name": "Hiring contractors",
  "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec
  bibendum tellus, vitae congue nisi.",
  "nivel": 3,
  "prevision_start": "2017-01-01",
  "prevision_end": "2017-01-15"
}'

```

ACTIONS

GET /actions/:id

Returns an action.

PATH PARAMS

id Action id.
integer

CURL REQUEST

```
curl -X GET \  
'https://api.scopi.com.br/api/v3/actions/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{  
  "id": 1,  
  "name": "Hiring contractors",  
  "description": "Mauris neque purus, pellentesque id convallis eu, placerat in lacus. Nullam nec  
bibendum tellus, vitae congue nisi.",  
  "nivel": 3,  
  "prevision_start": "2017-01-01",  
  "prevision_end": "2017-01-15",  
  "date_start": null,  
  "date_end": null,  
  "status": 1,  
  "active": true,  
  "effort": "1.0",  
  "percentage_completed": 10,  
  "project": {  
    "id": 1,  
    "name": "New building construction"  
  },  
  "phase": {  
    "id": 1,  
    "name": "TO DO"  
  },  
  "responsibles": [  
    {  
      "id": 1,  
      "name": "John"  
    }  
  ],  
  "comments": [  
    {  
      "comment": "New contractor!",  
      "user": "John"  
    }  
  ]  
}
```

PUT /actions/:id*Updates an action.***PATH PARAMS**

id Action id.
integer

BODY PARAMS

name Action name.
string
description Action description.
string
nivel Action level.
integer
prevision_start Action prevision start.
date
prevision_end Action prevision end
date
date_start Action date start.
date
date_end Action date end.
date
responsible_id Action responsables Valid values: one or more comma-separated
string ids.
active Set action as active or inactive.
boolean

CURL REQUEST

```
curl -X PUT 'https://api.scopi.com.br/api/v3/actions/1' \  
-H 'content-type: application/json' \  
-d '{  
  "access_token": <<access_token>>,  
  "active": true  
'
```

FINANCES

GET /finances/:id

Returns a finance.

PATH PARAMS

id	Finance id.
integer	

CURL REQUEST

```
curl -X GET \
'https://api.scopi.com.br/api/v3/finances/1?access_token=<<access_token>>'
```

JSON RESPONSE

```
{
  "id": 737,
  "name": "Finance name.",
  "expected_date": "2019-02-02",
  "expected_value": "100.0",
  "value": "100.0",
  "date": "2019-02-02",
  "reviewed_value": null,
  "reviewed_date": null,
  "active": true,
  "finance_type": 0,
  "responsible": {
    "id": 5,
    "name": "Teresa Pereira"
  }
}
```

PUT /finances/:id

Updates a finance.

PATH PARAMS

id	Finance id.
integer	

BODY PARAMS

*name	Finance name.
string	
*expected_date	Expected date of revenue/expense.
string	
*expected_value	Expected value of revenue/expense.
string	
*responsible_id	Responsible id.
integer	
*finance_type	Set the finance as an expense (0) or revenue (1).
integer	
date	Executed date of income/payment.
string	
value	Executed value of income/payment.
string	
reviewed_date	Reviewed date of income/payment.

string
reviewed_value Reviewed value of income/payment.
string
active Set finance as active or inactive.
boolean

CURL REQUEST

```
curl -X PUT 'https://api.scopi.com.br/api/v3/finances/1' \  
-H 'content-type: application/json' \  
-d '{  
  "access_token": <<access_token>>,  
  "name": "Novo Finance name",  
  "expected_date": "2020-10-21",  
  "expected_value": "100.0",  
  "responsible_id": 1,  
  "finance_type": 0,  
  "date": "2020-10-21",  
  "value": "100.1",  
  "reviewed_date": "2020-10-21",  
  "reviewed_value": "120.0",  
  "active": true  
'
```