

# GetBudgetAllocations (POST)

## Overview

This GET API can be used to retrieve Budget Allocation details in SMART by GEP to post them into ERP.

URL Format: <https://<Instance>/SmartInterfaceAPI/api/BudgetAllocation/GetBudgetAllocations>

## Request

```
{
  "periodCode": "String",
  "periodType": "String",
  "accountCodes": [
    {
      "entityCode": "String",
      "isDefault": false,
      "lobEntityCode": "String"
    }
  ]
}
```

## Response

```
{
  "data": [
    {
      "periodCode": "String",
      "periodType": "String",
      "accountCodes": [
        {
```

```
        "entityCode": "String",
        "isDefault": false,
        "entityType": "String"
    }
],
"currencyCode": "String",
"allocatedBudget": 0,
"committedAmount": 0,
"obligatedAmount": 0,
"expensedAmount": 0,
"availableAmount": 0,
"overallBudget": 0,
"isActive": true
}
],
"statusCode": "String",
"errorDetails": [
    {
        "key": "string",
        "errors": [
            {
                "errorCode": "string",
                "errorDescription": "string"
            }
        ]
    }
]
},
"successDetails": [
    {
        "key": "String"
    }
]
}
```

## Data Elements

Get Budget allocations				
Property	Required?	Data type	Description	Validations/Exceptions
<a href="#">Data</a>		List of BudgetAllocation object		
StatusCode		String		
<a href="#">ErrorDetails</a>		List of ErrorModel object		
<a href="#">SuccessDetails</a>		List of SuccessModel object		

Data				
Property	Required?	Data type	Description	Validations/Exceptions
PeriodCode		String	Code of Budget Allocation Period	
PeriodType		String	Type of Budget Allocation Period	
<a href="#">AccountCodes</a>		List of OrgEntity object	Codes of account	
CurrencyCode		String	Code of currency	
AllocatedBudget		Decimal	Allocated budget	
CommittedAmount		Decimal	Committed amount	
ObligatedAmount		Decimal	Obligated amount	
ExpensedAmount		Decimal	Expensed amount	
AvailableAmount		Decimal	Available amount	
OverallBudget		Decimal	Overall budget	
IsActive		Boolean	Is active	

AccountCodes				
Property	Required?	Data type	Description	Validations/Exceptions
EntityCode		String	Entity Code of entity	
EntityType		String	Entity Type of entity	
IsDefault		Boolean	Status of the entity if this is default or not	
LOBEntityCode		String	Line of Business Entity Code of entity	

ErrorDetails				
Property	Required?	Data type	Description	Validations/Exceptions
Key		String		
<a href="#">Errors</a>		List of Error object		

Errors				
Property	Required?	Data type	Description	Validations/Exceptions
ErrorCode		String		
ErrorDescription		String		

SuccessDetails				
Property	Required?	Data type	Description	Validations/Exceptions
Key		String		

## Examples

### Success Scenario – Request

Request below describes that this contains only the mandatory attributes:

```
{
  "periodCode": "2018",
  "periodType": "Month",
  "accountCodes": [
    {
      "entityCode": "A-18-00026-01",
      "isDefault": false,
      "entityType": "WBS"
    }
  ]
}
```

### Success Scenario – Response

```
{
  "data": [
    {
```

```
    "periodCode": "2018",
    "periodType": "Month",
    "accountCodes": [
      {
        "entityCode": "A-18-00026-01",
        "isDefault": false,
        "entityType": "WBS"
      }
    ],
    "currencyCode": "EUR",
    "allocatedBudget": 15000.12,
    "committedAmount": 0,
    "obligatedAmount": 0,
    "expensedAmount": 0,
    "availableAmount": 5000,
    "overallBudget": 0,
    "isActive": true
  }
],
"statusCode": "200",
"errorDetails": [],
"successDetails": [
  {
    "key": "2018"
  }
]
}
```

## Error Scenario – Request

```
{
  "periodCode": "20188",
  "periodType": "Month",
  "accountCodes": [
```

```
{
  "entityCode": "A-18-00026-01",
  "isDefault": false,
  "entityType": "WBS"
}
]
```

## Error Scenario – Response

```
{
  "data": null,
  "statusCode": "400",
  "errorDetails": [
    {
      "key": "20188",
      "errors": [
        {
          "errorCode": "DataValidation",
          "errorDescription": "PeriodCode is invalid or not exists in Calendar Period. No records found."
        }
      ]
    }
  ],
  "successDetails": []
}
```