Sponsored Programs Management
Milestones

- 05/2001 IS-PS 4.62(3)
  - Grants Management Prototype
  - Demo Purposes, No Customer Use

- 05/2002 First Customer Shipment
  - Grants Management can be used by pilots
  - Project Close with SAP PS&E

- > General Availability
  - Fully Integrated with FM
Sponsored Programs Management
The Different Views

External Sponsor View (Grants)

- Grant
- Fiscal Year Variant → X
- Currency → CAD
- Sponsored Programs
- Sponsored Classes
- External Fund
- Sponsor

Internal Grantee View (R/3)

- Grant
- Fiscal Year Variant → Y
- Currency → USD
- R3 Objects
- Internal Fund
- Customer

Operate, Manage and Control
Report, Show Results
Sponsored Programs Management

Process & Activity Flow:

Proposal
- Setup
  - Grant
- Plan

Application
- Budget
  - Plan & Actual

Contract/Award
- Consume
  - Grant
- Bill
  - Sponsor
- Close
  - Grant

TIME

SP Master Data
- R3
- SP Budgeting
- SP Updating
- SP Billing
- SP Reporting

THE BEST-RUN E-BUSINESSES RUN SAP SAP
• Definition
  – Business partner involved with a grantee organization in the sponsoring of programs through business contracts defined as grants.
• Technical Implementation: THE SPONSOR ROLE [BP:PSSP01]
Sponsored Objects: Definition

- Sponsored objects are the business objects that are sponsored through a GRANT by a Grantor/Sponsor
- They represent:
  - Budget objects
  - Allowed Posting Objects
- They describe dimensions for updating and reporting
- In order to properly support sponsored program accounting and control, contract items and conditions must be able to be applied to a grant base on various combinations of the following:

  - Sponsor
  - Grant
  - Fund(s)
  - Sponsored Program(s)
  - Class(es)
Sponsored objects master data must be flexibly linked to existing R/3 master data objects to accommodate both the internal grantee budgeting/accounting/reporting/billing requirements and the external sponsor budgeting/accounting/reporting/billing requirements.

**External Sponsor View (Grants)**
- Grant
  - Sponsor Funding
    - Sponsored Program 1
      - Class A
      - Class B
    - Sponsored Program 2
      - Class C
- Cost Sharing

**Internal Grantee View (R/3)**
- Grant
  - Customer
    - External Fund
      - Project A
        - Account 1
        - Account 2
        - Account 3
        - Account 4
      - Account 1
      - Account 4
    - Cost Center 1
      - Account 1
      - Account 4
  - Internal Fund
    - Project B
      - Account 1
      - Account 4
Sponsored Programs

Change View "Sponsored Program Description..."

General Data

- Program Description: EDUCATION IN CHINA
- Responsible Person: Diego Simeon
- Legislative District Code: 000005

Budgeting Relevant Data

- Funds center: S1 4037
- Functional area: gat1

Where- Used?
The assignment of R3 Objects to Sponsored Programs and Classes is made through the CO-PA Tool.
Postings shall always have both objects: Program and Class.

GL Account → Class

Cost Center → Program
The Grant: Some Concepts

• A GRANT, as a business object, describes the terms and conditions that are applicable to the entire administration and funding of a collection of sponsored program(s) and classes

• A GRANT describes the contractual relationship between a Sponsor and a Grantee

• A GRANT has a limited life cycle. Basically, there is an internal Proposal to sponsor a program, then an Application that is sent to potential grantors and finally, when the application is awarded, the grant becomes a legal Contract.
The GRANT has been implemented as a new application object under the Business Data Toolset Framework [BDT]

- It contains all major BDT functionality [field status control, change documents, document management, extensibility, etc] plus Sponsored Programs Management specific functionality

- For the prototype, standard BDT model will be used
These will be all the allowable combinations of Fund, Program and Class for a given Grant. These combinations might be used for both budgeting and actual postings.
The Grant: Overall Picture

- Sponsor X
  - Grant 1 (Ext. Fund X) → Sponsored Program A (Class X)
  - Grant 2 (Ext. Fund X, Int. Fund 1) → Sponsored Program B (Class X)
  - Grant 3 (Ext. Fund Y, Int. Fund 1) → Sponsored Program C (Class X)

- Sponsor Y
  - Grant 4 (Ext. Fund Y)
Sponsored Programs Management

Process & Activity Flow:

Proposal
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Application
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Contract/Award
- Consume Grant
- Bill Sponsor
- Close Grant

TIME

SP Master Data
R3
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SP Reporting
Budgeting: High Level Life Cycle

Planning
- CO
- SL
- HR/PM
- PS

Application
- SP

Contract
- FM

No GM implementation
Reconcile (Need Fund in CO)
Reconcile/Change
Sponsor/Grantee Approval
Apply
Budgeting: Some Details

- Budget at Sponsored Class and Program for a given GRANT and Fund(s) taking into account Cost Sharing % and Overhead %

- Budget in Sponsor’s Currency

- No hierarchies will be used

- No transfers are allowed between GRANTS

- Budgeting done in multiple “Time Slices” due to possible differences between Sponsor’s Fiscal Year and Grantee’s Fiscal Year

- Availability Control will be done taking into account the sponsor’s time frame
Budgeting: Time Slices

Grant Validity

Grantor’s FY Variant

Grantee’s FY Variant

Budget Validity Numbers

THE BEST-RUN E-BUSINESSES RUN SAP
Budgeting: Implementation

Budget Prima
Nota Doc

Budget Processor Tools
or Similar

FI-SL

Special ledger

All Docs

Document tables
GMBH
GMBL

Approved Docs (released & un-released budget)
Sponsored Programs Management

Process & Activity Flow:

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TIME
Grant and the Coding Block

- Use Coding Block functionality to populate the GRANT field and interface with other R3 Modules and Applications

- The GRANT as a dimension will be resolved from a combination of sponsored programs and classes that will be pointing directly to R3 objects

- The RWIN Interface plus the CO-PA Tool will be used for derivation and validation

- Currently, the Open Item, the FI and the CO interfaces include this functionality
Derivation: CO-PA Tool Implementation

**Input Values**
- Posting Date
- Structure COBL

**DERIVE**
- Check if account and account type are GM relevant
- Check if GM is active
- Fill the Structure GMDERIVE with all input values and run the derivation tool

**Output Values**
- Posting Date
- Structure COBL
- Program
- Class

**VALIDATE**
- Check Grant exist from date
- Check Program exist from Date
- Check Class exist from date
- Check Fund exist from date
- Check if combination exist

- **Found**
  - Yes: EXIT
  - No: Error Message

- **GRANT**
Updating: Integration

Grants Management
Fixed Ledger

Coding Block

Open Item Interface

FI
Accounting Interface
& Split Ledger

CO
Controlling Interface

FM

MM

HR-TR

THE BEST-RUN E-BUSINESSES RUN SAP
Sponsored Programs Management

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TIME
• Purpose
  – Based on sponsor defined billing rules [commitments, invoices, payments, etc], collect all open items for a given grant for a certain time frame. Bill these items to Sponsor through Resource Related Billing
Billing: Implementation in SD

Sponsored Programs Management

Grant

SP Billing Interface

SP Expense data (GMIA table)

Accounting FI

DB:Grantor

CD:Revenue

Resource Related Billing (Transaction DP91/DP90)

ADD-ON Business Event [Implementing GMDEVAOBE_SAPLAD15_005]

DIP Processor

Billing delta

Debit memo (A bill)

Debit memo request (A SD order)

Sales and Distribution

SD order (Grantor As Sold-to-Party)

DIP profile

1 2 3 4 5 6 7 8 9 10
Billing: DIP Implementation

GMSPCL (class)
CL1: billable
CL2: billable
CL3: unbillable

GMIA table

<table>
<thead>
<tr>
<th>Grant</th>
<th>Prog</th>
<th>Class</th>
<th>CCtr/WBS</th>
<th>Func</th>
<th>VType</th>
<th>Amt</th>
<th>Mat</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>SP1</td>
<td>CL1</td>
<td>CC1</td>
<td>F1</td>
<td>50</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>G1</td>
<td>SP1</td>
<td>CL2</td>
<td>CC2</td>
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<td>G1</td>
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<td>CL3</td>
<td>WBS2</td>
<td>F1</td>
<td>54</td>
<td>80</td>
<td></td>
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<tr>
<td>G1</td>
<td>SP2</td>
<td>CL1</td>
<td>WBS1</td>
<td>F2</td>
<td>54</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>G1</td>
<td>SP2</td>
<td>CL2</td>
<td>CC1</td>
<td>F2</td>
<td>81</td>
<td>200</td>
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<tr>
<td>G1</td>
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<td>CL1</td>
<td>CC2</td>
<td>F1</td>
<td>81</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

DIP profile

Add-on Business Event
GMDEVAOBE_SAPLAD15_005

Grant  Prog  Class  CCtr/WBS  Func  VType  Amt
G1      SP1   CL1    CC1      F1    50    80
G1      SP1   CL2    CC2      F1    51    50
G1      SP1   CL3    WBS2     F1    54    80
G1      SP2   CL1    WBS1     F2    54    100
G1      SP2   CL2    CC1      F2    81    200
G1      SP1   CL1    CC2      F1    81    100

Billing rule
G1: VType 54 + 81

Dynamic Items

<table>
<thead>
<tr>
<th>Grant</th>
<th>Class</th>
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<th>Func</th>
<th>VType</th>
<th>Amt</th>
<th>Mat</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>CL1</td>
<td>WBS1</td>
<td>F2</td>
<td>54</td>
<td>100</td>
<td>mat1</td>
</tr>
<tr>
<td>G1</td>
<td>CL2</td>
<td>CC1</td>
<td>F2</td>
<td>81</td>
<td>200</td>
<td>mat2</td>
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<td>G1</td>
<td>CL1</td>
<td>CC1</td>
<td>F1</td>
<td>81</td>
<td>100</td>
<td>mat2</td>
</tr>
</tbody>
</table>

Debit memo req.
Item 1: mat1  100
Item 2: mat2  300

CL1: billable
CL2: billable
CL3: unbillable
Sponsored Programs Management

Process & Activity Flow:

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Contract/Award
- Bill Sponsor
- Close Grant

SP Master Data
- SP Master Data

R3
- R3

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- SP Budgeting

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- SP Updating

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- SP Billing

SP Reporting
- SP Reporting

TIME
• What we know:
  – Sponsors are interested in seeing in their own currency and own fiscal year time frame, all activity associated with a given grant including cost sharing and overhead.

• Provided Tools
  – Drill-Down reporting
  – Report Writer/Painter
  – BW
The Future

- What are we looking into?
  - Records Management
  - Billing with BEA Tool
  - Time & Effort: Integration with HR
  - Status Management
  - Workflow Scenarios
  - Internet Scenarios
  - Workbench
  - Integration with Funds Management