

CABIMENTO

Pedidos de Cabimento - Gravidas Project

Summary of Budget Commitment Forms

Project: GRAVIDAS-2025-001 - Synthetic Prenatal Interview Pipeline

Total Budget: €5,000.00

Budget Source: Area 3.5.2 - TS - Saldos de Fundos Europeus (488)

Period: January 2026 - March 2026

Unit: 2.24.300.14 - DANIEL POLÓNIA

Created Cabimento Forms

Five (5) budget commitment request forms ("Pedido de Cabimento") have been created, one for each supplier:

1. Cabimento_Anthropic_PBC.xlsx

Supplier: Anthropic PBC (USA)

Service: Claude Haiku 4.5 AI API - 2,975 synthetic interviews

Value: €639.00

Period: January-February 2026

NIF/EIN: 87-2045336 (US)

Purpose: Quality validation and benchmarking (30% of interviews)

Key Details:

- AI interview generation service
 - 1,488 interviews in January, 1,487 in February
 - Cost per interview: €0.12
 - VAT reverse charge applicable (Article 44 VAT Directive)
 - Payment via institutional credit card in EUR
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2. Cabimento_Google_LLC.xlsx

Supplier: Google LLC (USA)

Service: Google Gemini 2.5 Flash AI API - 5,793 synthetic interviews

Value: €1,245.00

Period: January-February 2026

NIF/EIN: 77-0493581 (US)

Purpose: Primary bulk execution with cost optimization (58% of interviews)

Key Details:

- Google Cloud Platform AI API
 - 2,897 interviews in January, 2,896 in February
 - Cost per interview: €0.009 (most cost-effective)
 - 90% cost reduction vs. premium alternatives
 - Monthly billing via Google Cloud Billing
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3. Cabimento_xAI_Corp.xlsx

Supplier: xAI Corp (USA)

Service: xAI Grok 4 Fast AI API - 1,232 synthetic interviews

Value: €266.00

Period: January-February 2026

NIF/EIN: 88-3841612 (US)

Purpose: Speed optimization for critical batches (12% of interviews)

Key Details:

- Fastest AI API with lowest cost
 - 615 interviews in January, 617 in February
 - Cost per interview: €0.005 (lowest cost)
 - High-speed processing (<2s per interview)
 - 99.9% uptime SLA
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4. Cabimento_Elsevier_IJPE.xlsx

Supplier: Elsevier B.V. (Netherlands)

Service: Article Processing Charge (APC) - IJPE Q1 Journal Publication

Value: €2,800.00

Period: March 2026

NIF/VAT: NL 003049064B01 (Netherlands)

Purpose: Publication of research findings in Q1 operations management journal

Key Details:

- International Journal of Production Economics (Impact Factor 11.251)
- Q1 journal in Management and Operations Research
- Open-access publication with CC-BY license
- Includes peer review, editing, DOI assignment
- Indexed in Web of Science, Scopus, JCR

5. Cabimento_AWS.xlsx

Supplier: Amazon Web Services EMEA SARL (Luxembourg)

Service: Cloud infrastructure - Storage, database, and backup services

Value: €50.00

Period: January-March 2026 (€17+€17+€16)

NIF/VAT: LU 20260743 (Luxembourg)

Purpose: Essential infrastructure for project data management

Key Details:

- S3 storage (~50GB), PostgreSQL database, automated backup
- Pay-as-you-go monthly billing
- GDPR compliant with AES-256 encryption
- ISO 27001 certified
- Real-time cost monitoring via AWS Cost Explorer

Budget Distribution Summary

Supplier	Service Type	Amount	% of Total	Period
Google LLC	AI Execution	€1,245.00	24.90%	Jan-Feb 2026
Anthropic PBC	AI Execution	€639.00	12.78%	Jan-Feb 2026
xAI Corp	AI Execution	€266.00	5.32%	Jan-Feb 2026
AI Subtotal		€2,150.00	43.00%	
Elsevier (IJPE)	Publication	€2,800.00	56.00%	Mar 2026
AWS	Infrastructure	€50.00	1.00%	Jan-Mar 2026
TOTAL		€5,000.00	100.00%	

Monthly Payment Schedule

January 2026: €1,092.00

- Anthropic Claude API: €319.50 (1,488 interviews)
- Google Gemini API: €622.50 (2,897 interviews)
- xAI Grok API: €133.00 (615 interviews)
- AWS Infrastructure: €17.00

February 2026: €1,092.00

- Anthropic Claude API: €319.50 (1,487 interviews)
- Google Gemini API: €622.50 (2,896 interviews)
- xAI Grok API: €133.00 (617 interviews)
- AWS Infrastructure: €17.00

March 2026: €2,816.00

- IJPE APC Payment: €2,800.00 (manuscript submission)
- AWS Infrastructure: €16.00 (final archival and backup)

VAT and Compliance Notes

Non-EU Suppliers (Anthropic, Google, xAI)

- **VAT Treatment:** Reverse charge mechanism (Article 44 VAT Directive)
- **Rate:** 0% (no VAT charged by supplier)
- **Compliance:** Portuguese reverse charge rules apply
- **Invoicing:** Must reference Universidade de Aveiro NIF: PT 501461108

EU Suppliers (Elsevier - Netherlands, AWS - Luxembourg)

- **VAT Treatment:** Intra-community reverse charge
- **Rate:** 0% (reverse charge applicable)
- **Compliance:** EU VAT Directive 2006/112/EC
- **Invoicing:** Must reference University NIF: PT 501461108

Portuguese Procurement Compliance

- **Budget Category:** <€5,000 - Simplified procedure (consulta prévia)
- **Legal Framework:** Código dos Contratos Públicos (CCP), Article 5
- **Research Exception:** Scientific services may follow simplified procedures
- **Approval Level:** Department Head authorization (budget <€5,000)

Supporting Documentation

All Cabimento forms include:

1. **Designação do bem/serviço** - Detailed service description
2. **Justificação** - Scientific and operational justification
3. **Financiamento** - Project code, cost center, budget line (Area 3.5.2)
4. **Valor** - Acquisition value including VAT (in EUR)
5. **Fornecedor** - Supplier name, NIF/EIN, address, contact
6. **Observações** - Payment terms, compliance notes, technical details

Files Location

All files are located in the project root directory:

```
/home/dpolonia/202511-Gravidas/
├── Cabimento_Anthropic_PBC.xlsx
├── Cabimento_Google_LLC.xlsx
├── Cabimento_xAI_Corp.xlsx
├── Cabimento_Elsevier_IJPE.xlsx
├── Cabimento_AWS.xlsx
├── coverletter.md (Cover letter to department head)
├── PROJECT_STATUS.md (Detailed project documentation)
└── 2025.PDF (Available budget report)
```

Next Steps

1. **Review:** Department head reviews all 5 Cabimento forms
2. **Approval:** Department head signs/approves forms
3. **Financial Services:** Submit approved forms to University Financial Services
4. **Budget Allocation:** Financial Services allocates €5,000 from Area 3.5.2
5. **Execution:** Project team proceeds with supplier contracts upon approval
6. **Timeline:** Approval requested for December 2025 to enable January 2026 start

Contact Information

Project Team: Gravidas Synthetic Interview Pipeline

Department: DEGEIT - Departamento de Economia, Gestão, Engenharia Industrial e Turismo

Institution: Universidade de Aveiro (NIF: PT 501461108)

Unit: 2.24.300.14 - DANIEL POLÓNIA

GitHub Repository: <https://github.com/dpolonia/202511-Gravidas>

Document Generated: November 14, 2025

Total Forms: 5 Cabimento requests

Total Budget: €5,000.00

Status: Ready for department head review and approval