



TAL TECH

INSIGHTS INTO MANAGING RESEARCH PROJECTS: FUNDING, COLLABORATION, AND EXECUTION

Group Assignment

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FINDING FUNDING

HOW RESEARCHERS IDENTIFY FUNDING

University Emails / Info Sessions	Networking / Internal & External	Online Searches / Funding Portals	Direct from Ministries / Funders
✓ Emails, timely reminders	✓ Informal expert network (most effective)	✓ Occasional desk research	✓ Interreg, funder emails
✓ Letters from research office, funders	✓ Seminars, senior staff	✓ ETAg, Horizon Europe	
✓ TalTech info sessions (very useful)	✓ Past/ongoing project partners	✓ New European Bauhaus	

INTERDISCIPLINARY COLLABORATION: A POWERFUL BUT DEMANDING STRATEGY



Why It Matters

- Access to large-scale setups (e.g. Horizon)
- Combines diverse expertise
- Enhances networks & growth



Challenges & Risks

- Conflicting goals (innovation vs. practicality)
- Misaligned work cultures (e.g. software teams)
- Delivery risks with external partners



Lessons for Success

- Engage users early
- Assign expert sub-leads
- Match scope with realistic team capacity

WHAT MAKES A PROPOSAL STAND OUT

- **Clarity & Structure**

- Clear problem definition, logical flow, measurable goals
- Defined roles, timeline, budget, and risk plan

- **Innovation & Relevance**

- Propose something new, pilot it in real conditions
- Link to EU priorities like Green Deal or digital transition

- **Collaboration & Proof of Capacity**

- Strong consortium with real commitments
- Reference past successful projects without revealing too much

- **Language that Connects**

- Use the evaluator's language: buzzwords + policies
- Generic but credible — “tick boxes & differentiate

SMART PROPOSAL WRITING



Write Early, Write Clearly

- Avoid rushed/sketchy proposals
- Start writing early (1 year ahead)
- Ensure clarity & call alignment



Follow the Rules Exactly

- Match every requirement in the call
- Adjust your idea to fit the format
- Review and tick all boxes



Plan Budget & Duration Realistically

- Estimate staff/time by activity
- Don't undercut to win
- High-cost proposals can still succeed



Recycle? Sometimes.

- Use reviewer feedback to improve
- Reapply if call is similar
- Drop the idea if it's not worth it

DIFFERENCES IN ECONOMICS

- **Funding**

- Funds often change focus
- Need to keep up with changes

- **Interdisciplinary studies**

- Quite common
- Need to pre-plan the deliverables

- **Stand out features**

- A novelty or a twist
- Strong team composition

- **Tips on the application**

- Fit the project to the call
- Plan ahead of time

TECH-SAVVY FUNDING STRATEGIES



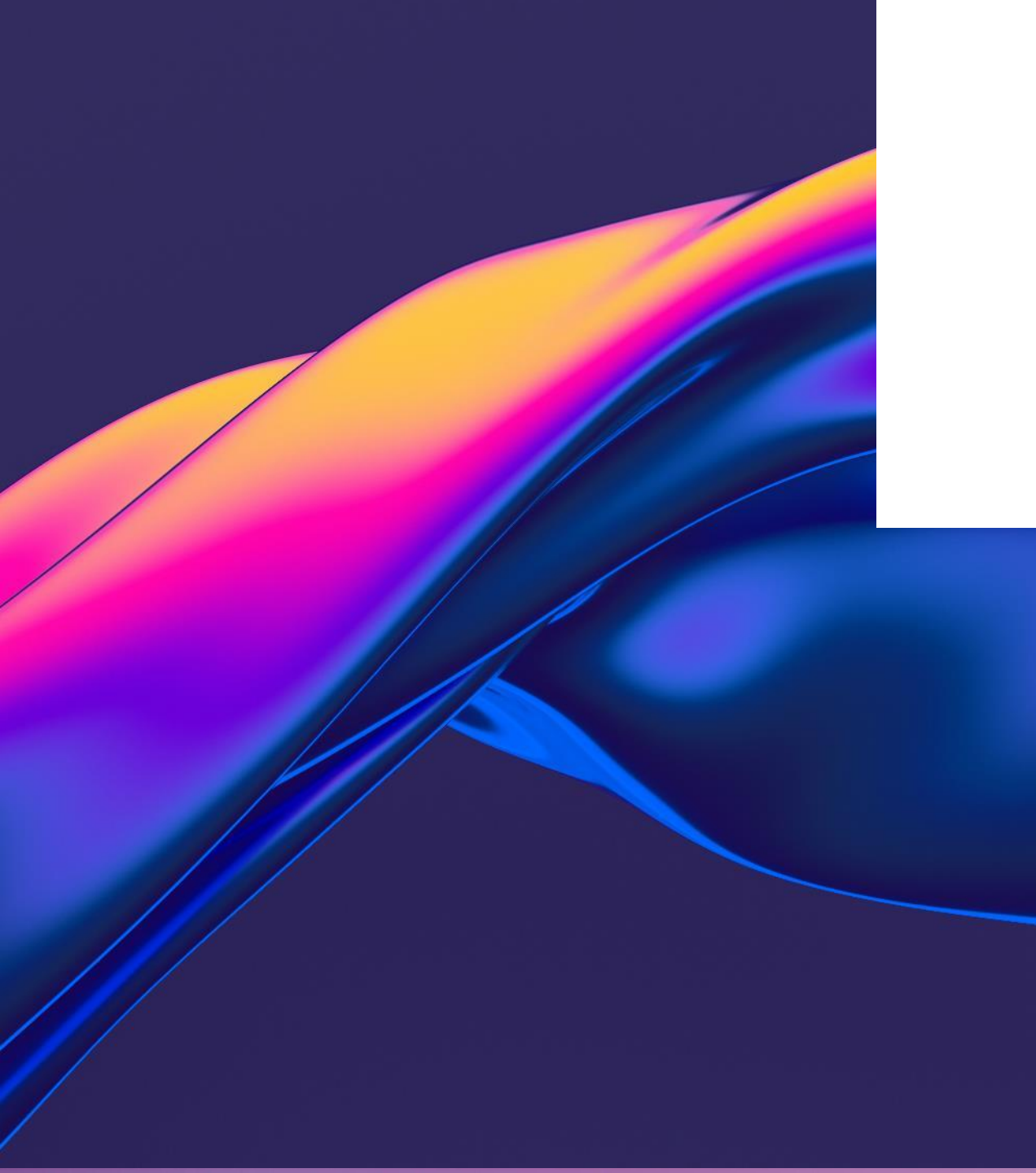
Targeted Tech Platforms: Leveraging specialized portals (ETAg, industry-specific channels, national databases).



Industry-Academia Partnerships: Collaboration with SMEs to directly target applied research funding (practical, industry-driven opportunities).



Strategic Networking: Engaging proactively through internal workshops, tech forums, and informal tech communities to identify relevant funding.



MANAGING PROJECTS

TOOLS & PRACTICES FOR MANAGING RESEARCH PROJECTS: WHAT WORKS AND WHAT DOESN'T?



Tools That Work

- MS Project, Excel for tracking
- Mendeley for references
- M-Files for document control
- Teams & Miro Board for collaboration
- Visio/draw.io for planning



Process Over Tools

- Regular meetings keep momentum
- Clear roles & deadlines = smooth workflow
- Team alignment sometimes replaces formal tools



Tool Challenges & Lessons

- Agile & Waterfall not always suitable
- Surprise outcomes & last-minute delivery
- Choose tools that match project complexity

WHEN PROJECTS DERAIL: REAL CHALLENGES FROM THE INSIDE

Challenge	Real Example	Coping Strategy
Deadline Disruptions	Partner delays, equipment issues, illness	Risk planning, buffer periods, flexibility
Coordination Conflicts	Partners act off-schedule, e.g., sudden demands	Reallocate roles, open team communication
Budget & Procurement Gaps	Unplanned procurements and stretched budget	Pre-planning, close tracking, realistic scope
Team Motivation & Load	Some members remain passive or inactive	Delegate clearly, monitor contributions
Cultural / Org. Differences	Diverse organizations and expectations	Align early, clarify shared project goals

MANAGING DIVERSE TEAMS: BEST PRACTICES FROM EXPERIENCED PIS



Clear Communication

- Regular follow-ups and meetings
- Organize workshops to bridge gaps



Concise Messaging

- Keep emails short and focused
- Prioritize important points only



Structured Leadership

- Set project structure from the start
- Define meetings, timelines, and roles



Delegating with Expertise

- Appoint team leads for specific domains
- Delegate tasks to experts to ease management

DOS AND DON'TS: FOR SUCCESSFUL PROJECT MANAGEMENT

■ DOs (What Works)

- ✓ Set clear goals & timelines
- ✓ Hold regular check-ins & workshops
- ✓ Use calendars, meeting minutes, and tracking tools
- ✓ Keep a pragmatic vision of the end result

■ DON'Ts (What to Avoid)

- ✗ Don't assume deadlines are understood - reinforce them
- ✗ Don't expect perfect execution - allow time for setbacks
- ✗ Don't rely too heavily on one person - have a backup
- ✗ Don't drift off-goal - avoid distractions and scope creep

DIFFERENCES IN ECONOMICS

- **Tools**

- Quantitative research methods
- Empirical and econometric analysis
- Simulation studies

- **Challenges**

- Same as other fields
- Lack of oversight

- **Management advice**

- Additional roles in the team are necessary
- Admins to keep track of progress and budget

- **DOs and DON'Ts**

- Create support channels for administrative tasks
- Double check the progress reports

TECH-SAVVY MANAGEMENT STRATEGIES



Dynamic Tools & Techniques: Utilizing agile-inspired methods (Scrum, Kanban) to manage complex IT-driven projects.



Communication as Core: Prioritizing frequent, structured communication across diverse teams to ensure alignment and clarity in goals.



Resource Optimization: Explicitly managing and allocating human resources to address typical academic project challenges—time conflicts and resource availability.



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