



KORDSA



Eureka No: 2024-21366/NP/Lightweighting Call 2

Sustain LightTech

Advancing Sustainable Headlight Manufacturing

FFG No: 923413 | Tübitak No: 9247010

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INTRODUCTION & SESSION GOAL

FOCUS - SUSTAIN LIGHTTECH PROJECT

- Enhance sustainability in headlamp manufacturing.
- Use **additive manufacturing** (AM) and **generative design** to create integrated geometries.
- Reduce material usage and connection elements.
- Integrate **recycled polymers** (PP, PA) to support circular economy.
- Validate designs via **industrial CT scanning** and **mechanical testing**.

GOAL OF TODAY'S SESSION

- Project preparation timeline.
- Coordination with partners and institutions.
- Structuring work packages and defining KPIs.
- Tips for a successful submission to FFG/Eureka.

Application Process Timeline

Late June
2024



Kick-off Discussion

- Exchanged Eureka call link and project ideas

Early–Mid
July 2024



Partner Coordination

- Meeting planning, partner role discussions (ZKW, TU Wien, 3D3, Kordsa)

Late July
2024



Technical Scope & Work Package Definition

- AM methods, recycled material targets, generative design plans

August
2024



Drafting the Proposal

- TU Wien prepared technical core
- Input from ZKW (LCA, testing), Kordsa (materials), 3D3 (AM methods)

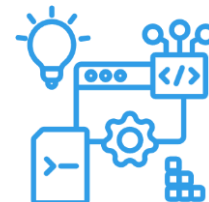
Early
September
2024



Review & Consolidation

- Coordination on figures, Gantt chart, and WP contributions

Mid–Late
September



Finalization of Annexes

- Partner forms, co-signatures, commitment letters submitted
- Uploaded full application on portal, did final compliance check

05

06

04

03

02

01

1. ALIGNING
INTERNATIONAL PARTNERS
ACROSS TIME ZONES AND
EXPECTATIONS

2. STRUCTURING CLEAR
AND BALANCED WORK
PACKAGES

3. DEFINING REALISTIC
TRL LEVELS AND
DELIVERABLES

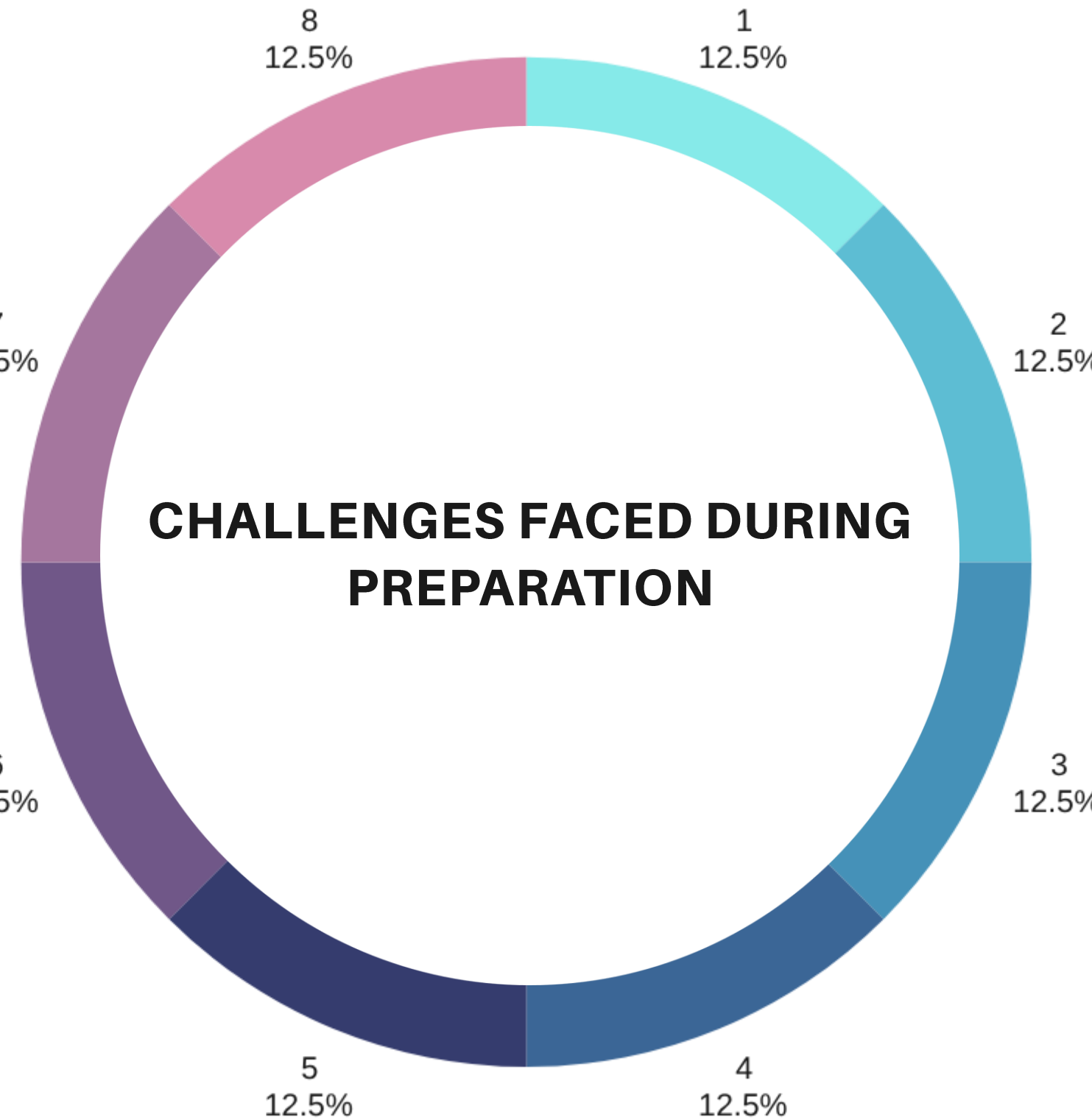
4. COMPRESSING COMPLEX
TECHNICAL CONTENT INTO
LIMITED WORD COUNTS

5. COORDINATING IPR AND
EXPLOITATION RIGHTS
AMONG PARTNERS

6. SYNCHRONIZING
BUDGET FORMATS
ACROSS INSTITUTIONS
AND COUNTRIES

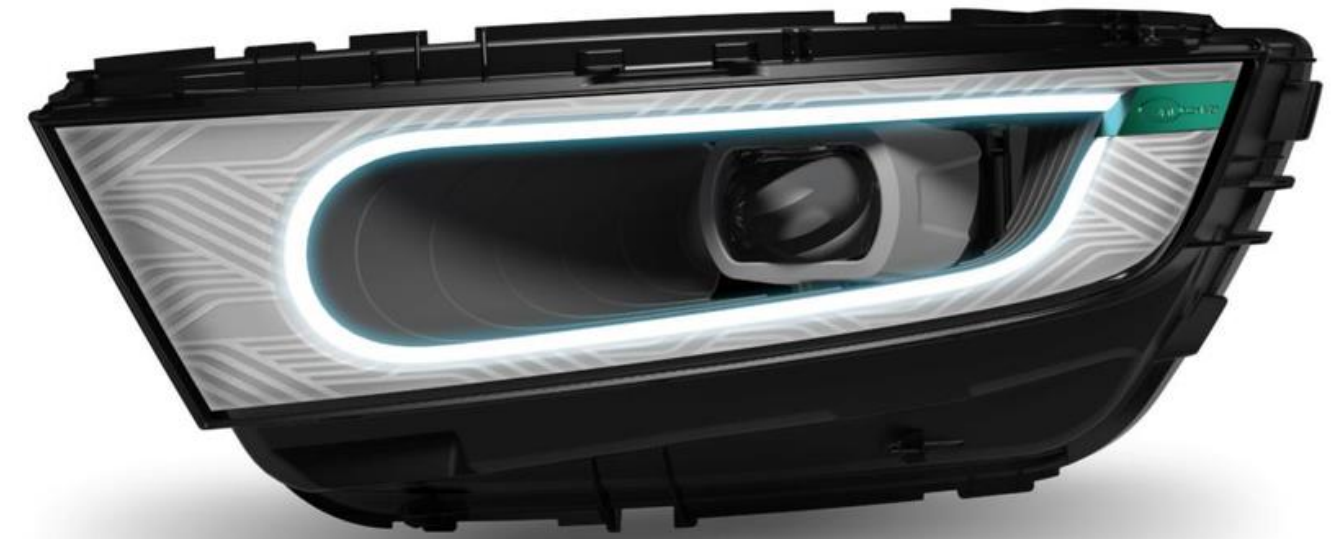
7. MANAGING LAST-
MINUTE REVISIONS AND
ANNEX UPLOADS

8. ENSURING QUALITY
ASSURANCE AND REVIEW
BEFORE SUBMISSION



BEST PRACTICES / SUCCESS FACTORS

- **Start Early with Partner Alignment -**
Define technical scope, partner roles, and expectations at the beginning.
- **Assign Clear Leadership for Each Work Package -**
Each WP had one responsible partner to avoid overlaps and confusion.
- **Use Prior Project Templates and Lessons Learned -**
Leveraged formats and structure from previous FFG/Horizon projects.
- **Maintain Weekly Check-ins via WhatsApp or Email -**
Quick feedback cycles and real-time coordination ensured momentum.
- **Centralized Document Management -**
Shared cloud folder with version tracking streamlined contributions.
- **Develop Gantt Chart and Budget in Parallel -**
Prevented inconsistencies and saved time close to the deadline.
- **Focus on Impact Sections Early -**
Business case, LCA, TRL, and KPIs need multiple reviews, start early.
- **Conduct Internal Mock Reviews Before Submission -**
Final internal review by neutral colleagues helped catch inconsistencies.



START WITH A CLEAR VISION
AND ROLES

CREATE A SHARED FOLDER WITH
STRUCTURED SUBFOLDERS

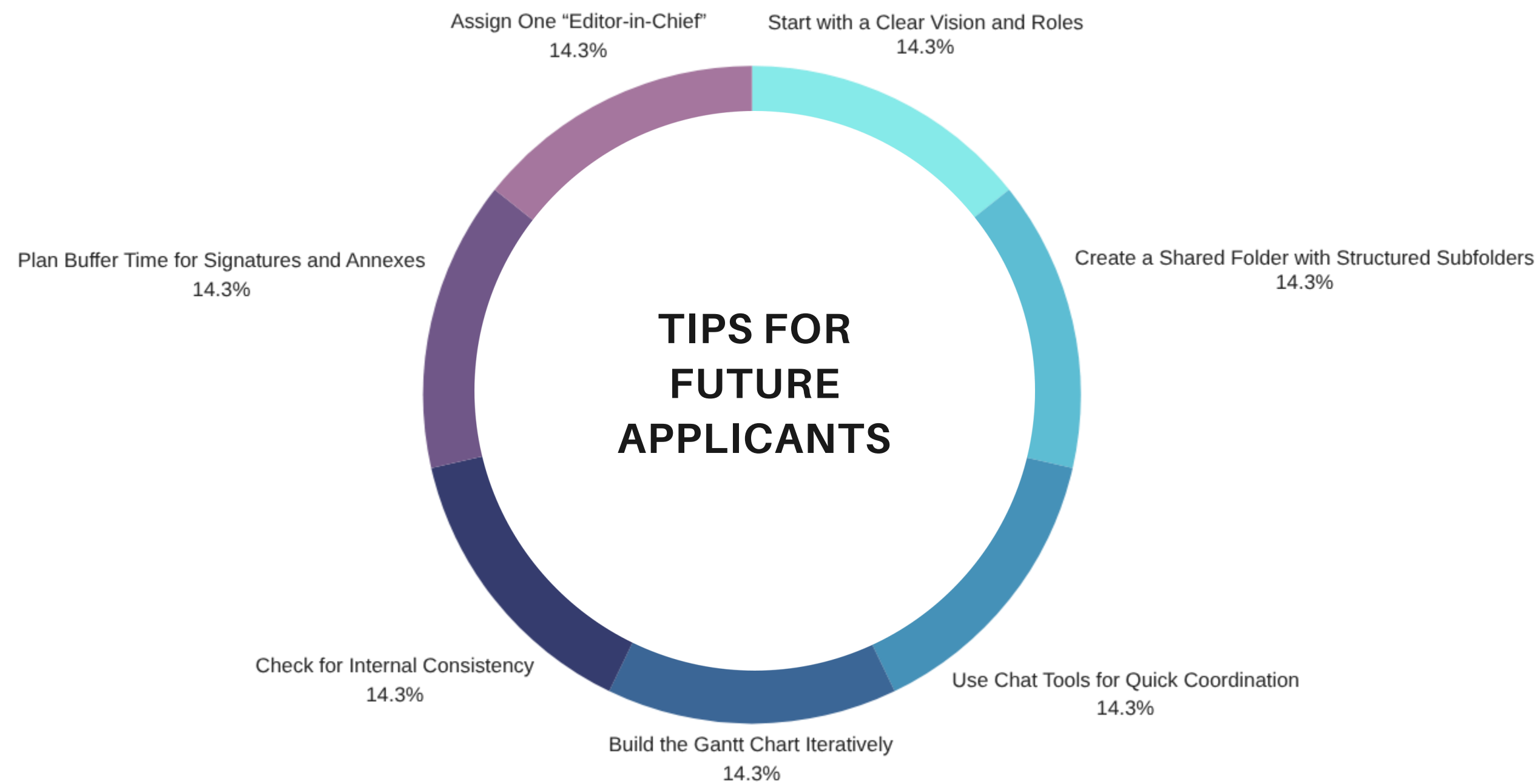
USE CHAT TOOLS FOR
QUICK COORDINATION

BUILD THE GANTT CHART
ITERATIVELY

CHECK FOR INTERNAL
CONSISTENCY

PLAN BUFFER TIME FOR
SIGNATURES AND ANNEXES

ASSIGN ONE "EDITOR-IN-
CHIEF"



STATUS AFTER APPROVAL

1

PROJECT OFFICIALLY APPROVED

Successfully funded under the Eureka Lightweighting Call.

2

GRANT AGREEMENT IN FINALIZATION PHASE

Contracts and administrative setup are underway.

3

WORK PACKAGES AND TIMELINE ARE DEFINED

Gantt chart, milestones, and TRL targets fully prepared.

4

PARTNER ROLES AND CONTRIBUTIONS AGREED

Responsibilities and deliverables clarified across all WPs.

5

TECHNICAL KICK-OFF EXPECTED SOON

Initial meetings scheduled; WP1 and WP2 to start first

**Any Questions or
Thoughts?**

