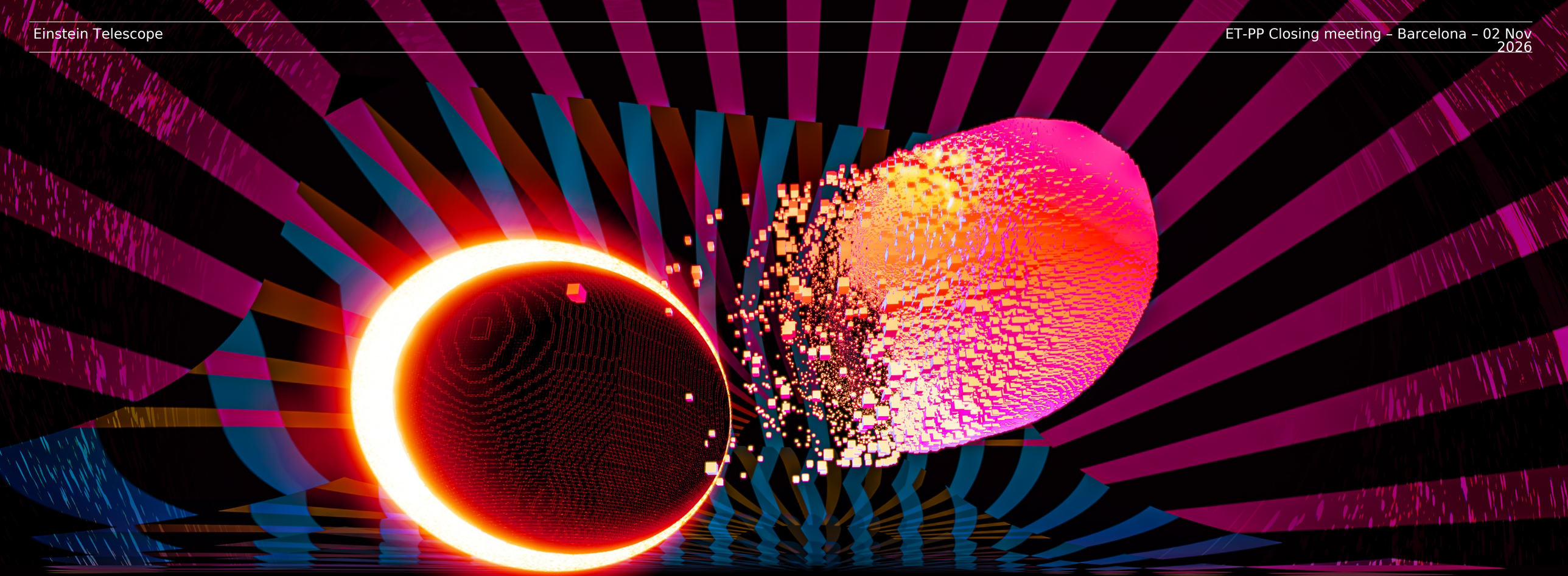


ET-PP Closing meeting – WP7 Industry Engagement

EINSTEIN TELESCOPE

Engage. Innovate. Explore.

Topics of today

- Status of WP7
- Status of ET industry engagement
- Future of ET industry engagement

Status of WP7

Deliverables

D7.4 – Report on TT and Intellectual property management in ET
Submitted

D7.2 – Report on industry engagement plan execution
In review

Activities

ET Industry Computing Workshop (14 Apr – 15 Apr 2026,



ET Vacuum and Cryogenics Industrial Workshop (21 Apr – 22 Apr 2026, CERN)



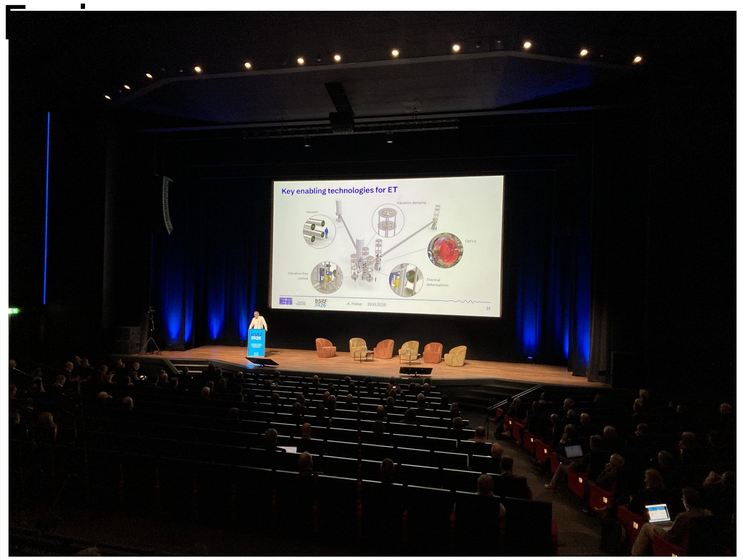
Status of industry engagement

Engagement in workshops	ET Industry Computing Workshop (14 Apr – 15 Apr 2026, Amsterdam) 54 participants	ET Vacuum and Cryogenics Industrial Workshop (21 Apr – 22 Apr 2026, CERN) 81 participants
Engagement @ fairs	Industrial Opportunity Days – Torino – 12-13 June 2025 Big Science Industry Forum Spain – Madrid – 3-4 December 2025 Swedish Big Science Forum 2026 – Lund – 11-12 March 2026	Hannover Messe – 20-23 April 2026 SPIE – Copenhagen – 6-9 July 2026 BSBF2026, Maastricht, NL – 27-30 Oct 2026 Space Tech Expo – Bremen, DE – 17-19 Nov 2026 Precision Fair, Den Bosch, NL – 18-19 Nov 2026
Engagement in R&D	Several national initiatives no ET-PP initiatives ETO on vacuum through CERN.	

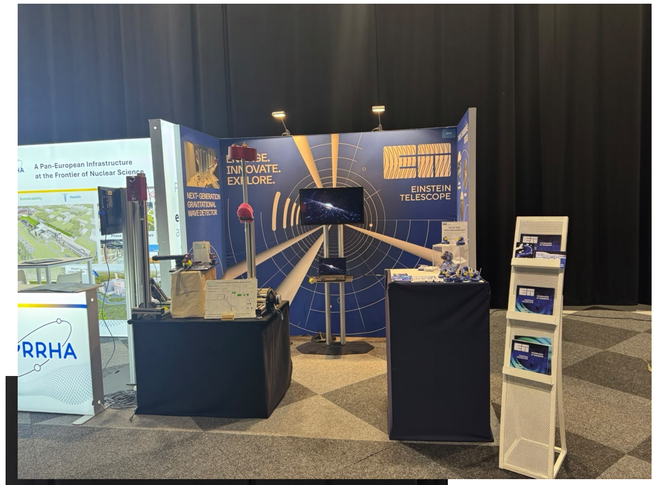
Status of industry engagement

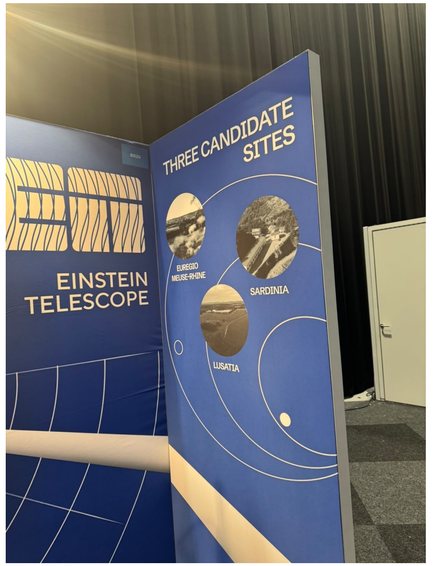
BSBF2026, Maastricht, NL
27-30 October 2026

Plenary presentation by Andreas Freise



ET booth







Contest:
How many Ducks fit in ET vacuum
477M







Future of ET industry engagement

Engagement in workshops	With 50-80 participants it is efficient to organize a workshop on a specific topic on ET challenges and R&D opportunities.	How can we organise and coordinate such workshops in several European countries on different topics and when is a good moment?
Engagement @ fairs	Every year the same fairs are organized BSBF seems most fitting for ETO	Is it useful to participate as ETO, or ETC?
Engagement in R&D	Initiative forinventory of R&D activities in countries and R&D needs in ET-ISB. Following the inventory a road map can be constructed to coordinate activities in all countries.	
Innovation	Project COORDINA-INNOV is making plans and actions for co-innovation coordination.	This project is started from accelerators, light and neutron sources. Others should be included in the future.

Future of ET industry engagement: conclusions in D7.2

Industry is happy with us and with the challenges, but there is a desire for clearer timelines and decision paths.

We should keep them informed well.
We should make sure we can engage wih them.

The execution of the Industry Engagement Plan has demonstrated that sustained, structured interaction between the ET-PP consortium, ILOs, and European industry is both feasible and highly valuable.
The workshops, and participation in international and national events successfully connected leading institutes with companies capable of contributing to ET's most demanding technological challenges.
The strong participation levels, positive survey feedback, and growing ILO network confirm that the foundations for long-term industrial collaboration have been effectively established.
Furthermore, at various events that WP7 helped to organise or took part in, contact details were collected from companies interested in receiving regular updates on the ET project and on opportunities that will gradually arise for collaboration and the supply of

Looking ahead, further work should focus on deepening these relationships as the ET design matures and technical requirements become more concrete.
Industry feedback indicates a desire for clearer timelines, more structured one-to-one interactions, and opportunities to engage directly with candidate sites and institutes leading the design.
Future engagement should prioritise targeted technical dialogues, early prototyping collaborations, to maintain momentum and prepare industry for the transition from preparatory work to procurement and construction.
Strengthening coordination and ensuring consistent communication with industry is important as ET advances toward implementation, so these activities should be aligned with ET-COMPASS.

Future of ET industry engagement: conclusions in D7.2

We therefore suggest that, within the ESFRI Einstein Telescope project, plans be made – with the allocation of adequate resources – to continue the activities launched in ET-PP, in order to ensure their continuity and further development. These activities could be coordinated with the support of the Einstein Telescope Organisation, whose remit also includes supporting the project's external communications.

The objectives that we believe are important to pursue are as follows:

- to maintain and expand contacts with companies, not only as potential future suppliers to the ET, but also as partners capable of collaborating on R&D activities and making significant contributions to the definition of technological choices in their areas of expertise;
- to respond promptly and consistently to the strong interest expressed by companies, during the events described in this report, regarding the possibility of receiving future updates on the progress and the evolution of the ET project.
- to establish a single point of reference for European companies where they can find up-to-date information of interest to them, which can often be difficult to obtain given the complex structure of the ET project, comprising initiatives and entities operating at local, national and international levels;
- to strengthen the interaction with the Industrial Liaison Officers from European countries who are already active within the main international scientific organisations; their institutional remit is to promote the participation of companies from their own countries in 'Big Science', and they therefore constitute a key channel for outreach and contact with such companies.

Future of ET industry engagement: conclusions in D7.2

Necessary

To achieve these objectives, it will be necessary to draw up an action plan that should include, for example: ET’s participation in events dedicated to industry involvement in ‘Big Science’, organizing thematic events for industry focussed on specific sectors that are relevant for ET, updating the dedicated sections of the ET website, publishing newsletters aimed at ILOs and industry, and so on.

The development of specific expertise within the ETO and the strengthening of the collaboration with the ILOs could also prove useful in defining a strategy for sharing industrial contributions amongst the countries concerned, which are necessary for the implementation of the ET project.

Public Procurement of Innovation (PPI): conclusions in D7.2

Definition of PPI

- the development of innovative solutions through the procurement of research and development (R&D) services
- the procurement of innovative solutions that are not yet available or do not exist on the market

- the procurement of innovative solutions that do exist, but are not yet widely available on the market.

EU activities

INPROCAP
COORDINA-INNOV

Innovation Procurement Hub Programme led by the European Commission, DG GROW

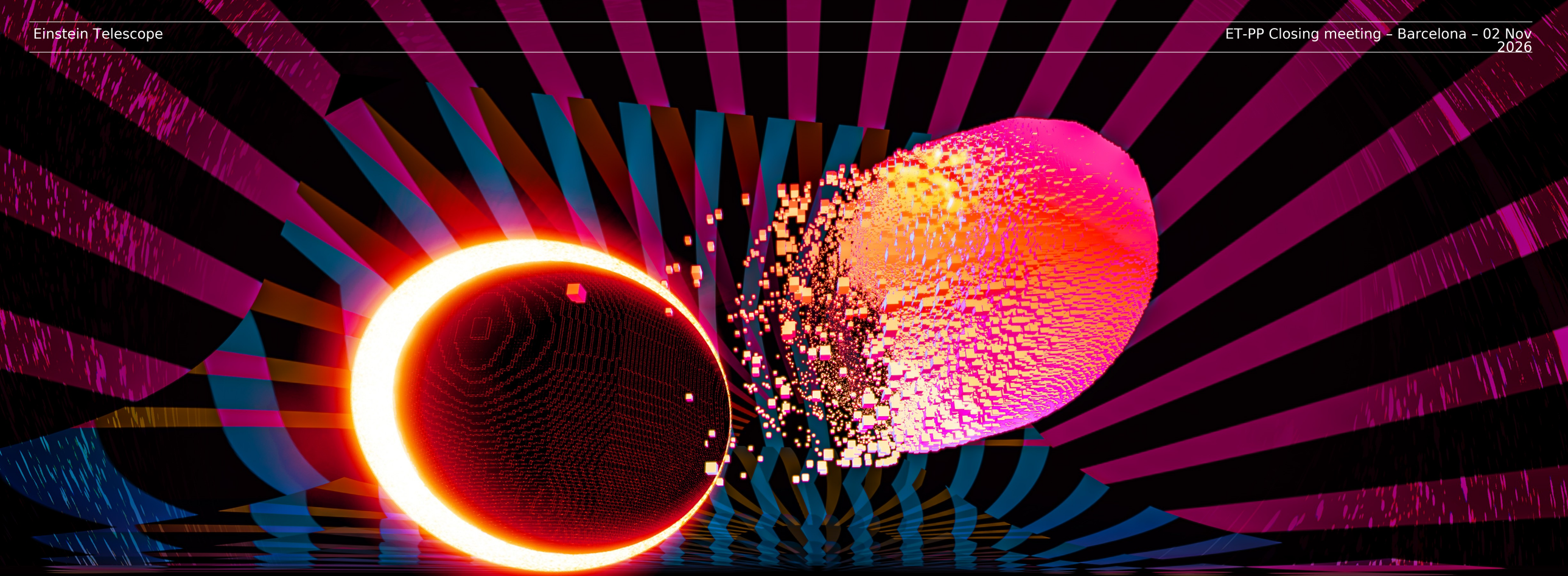
risks

A lack of PPI mechanism on ET-PP agenda may influence a reputational risk for the whole project of ET as its mission is to build a research infrastructure, initiating the R&D, innovation and entrepreneurship in Europe.

Future of ET Knowledge Transer: conclusions in D7.4

Key messages on KT/TT:

- TT and KT are strategic instruments to support European industry and foster a European ecosystem of large research infrastructures;
- most ET-related industrially relevant innovation is expected to arise from engineering, system integration, and operational solutions;
- a coordinated but distributed KT/TT model—building on Research Institute KTOs and a light ETO coordination structure—is recommended;
- Innovation-by-procurement and industry engagement must be considered core components of the ET KT/TT strategy.



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Thank you!