



# A Proposed Post-Closure Scientific Research Station at Kumtor Gold Mine

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Conservation Asia  
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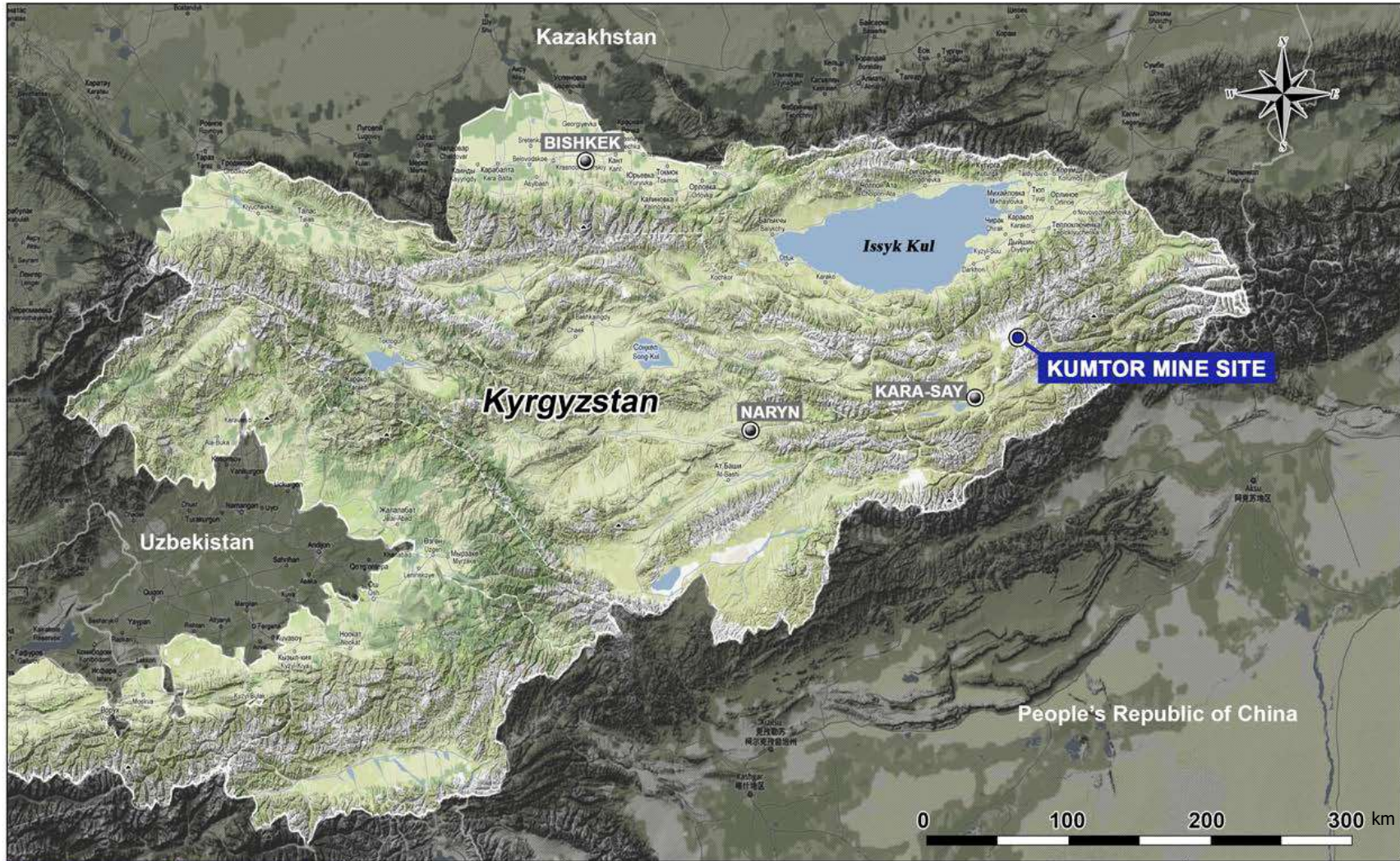
# Overview of Presentation

- Mine Site & Regional Context
- KGC's Approach to Conservation
- KGC's Biodiversity Management Strategy & Plan
- Closure Planning & Biodiversity
- Scientific Research Station Opportunity
- Next Steps





# Site & Regional Context: Location





# Site & Regional Context: General Setting

- One of handful operating high altitude mines worldwide
- Altitude 3,600 - 4,400 m, high arctic tundra, permafrost
- Active glaciers
- Temps: -34oC to +19oC
- Average annual precipitation is 428 mm, 75% as snow
- Headwaters of the Kumtor River
- Adjacent to Sarychat-Eertash Nature Reserve (SCER)



# Site & Regional Context: Complex Stakeholder Landscape



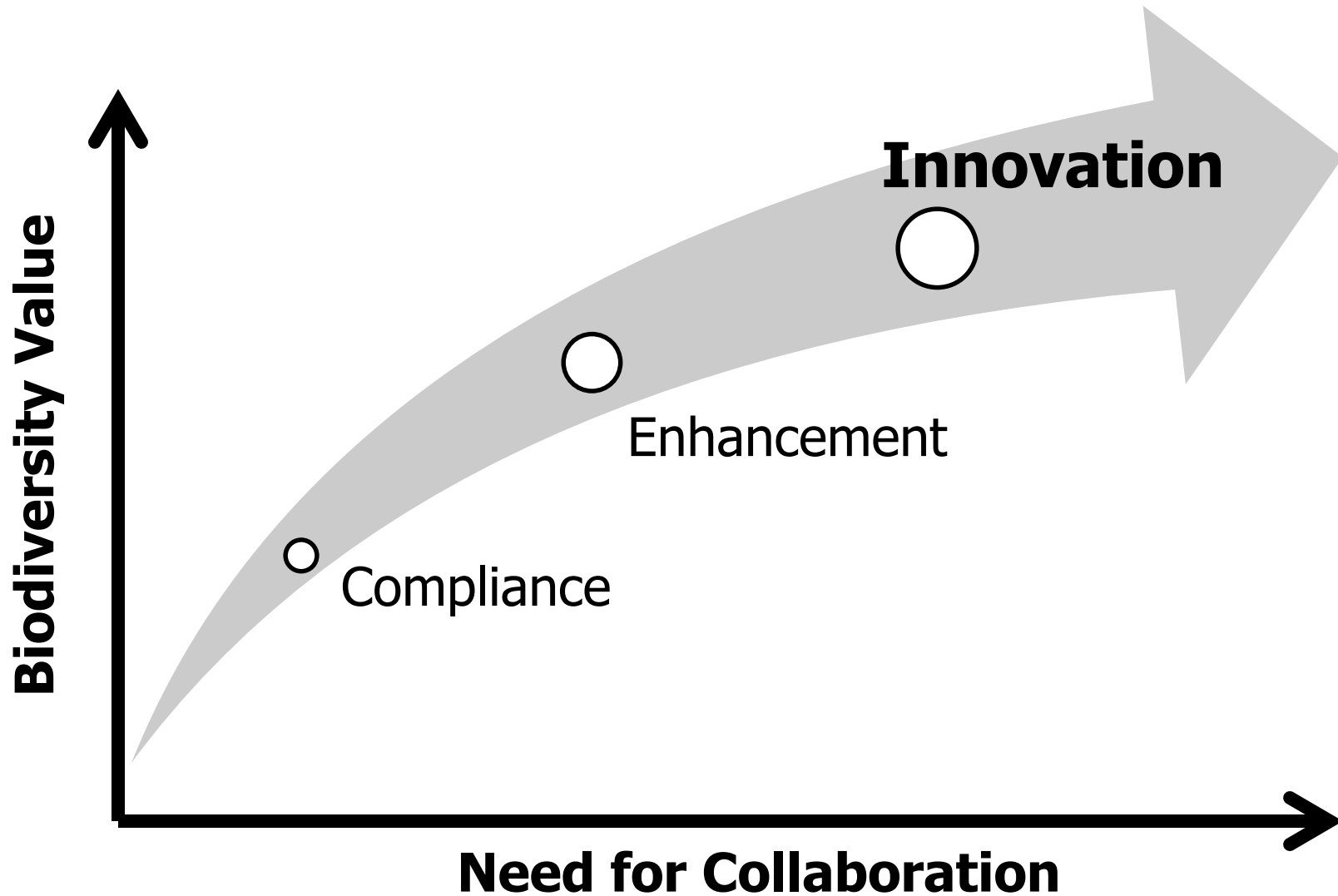


# KGC's Approach to Conservation

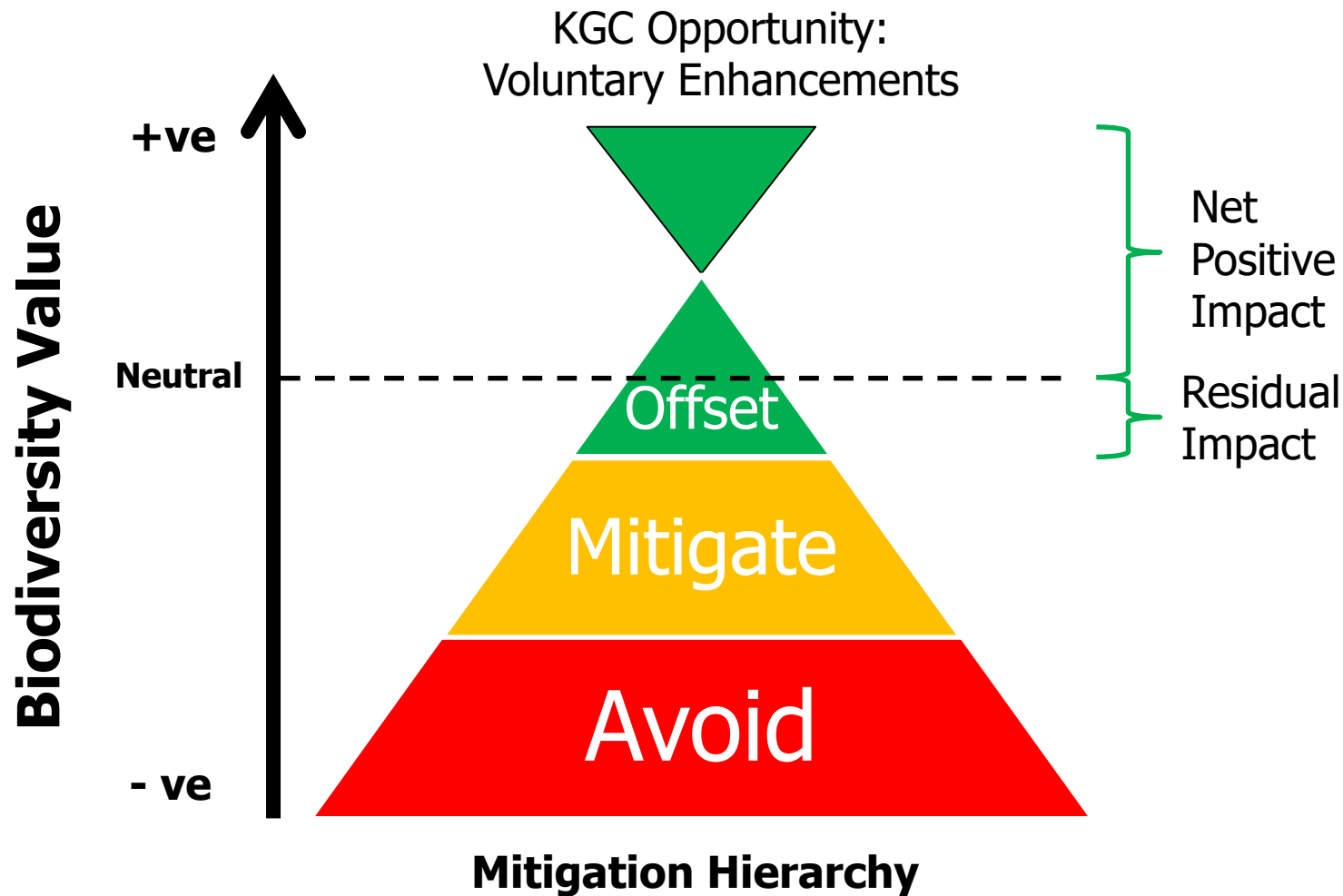
- Consideration of International Standards and GIIP
- Responsible Environmental Management Strategies
- Biodiversity Strategy and Plan
- Inclusion of Climate Change, Glaciers, Landscape Level Ecosystem Planning
- Regular Engagement with Stakeholders
- Attention to Mine Closure and Legacy issues



# KGC's Approach to Conservation



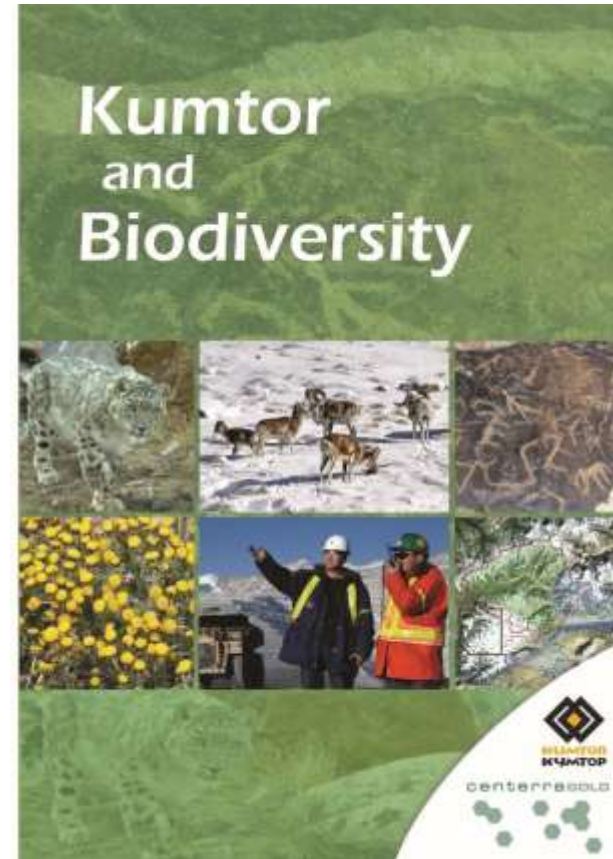
# KGC's Approach to Conservation





# KGC Biodiversity Management Strategy & Plan

- Initial BMSP completed Dec 2012 – after extensive consultation with various stakeholders (download at [www.kumtor.kg](http://www.kumtor.kg))
- Outlines various ‘enhancement’ opportunities, and management strategies
- Currently updating the plan with input from stakeholders and Prizma – independent experts
- Will assess progress against previous initiatives as well as new opportunities



# Closure Planning: Integration with Biodiversity Values

- Current Mine Life 2026
- Required to complete a Conceptual Closure Plan every 3 years (last was in 2016)
- Integrating biodiversity conservation strategies into current activities and the CCP
- Seeking net-positive biodiversity outcomes
- The CCP process facilitates cooperation & communication with conservation partners and stakeholders
- Opportunity to use existing camp infrastructure after closure – as a Scientific Research Station



# Kumtor Mine Site: Proposed Scientific Research Station



- Unique high altitude Central Asian location adjacent to a Nature Reserve
- Numerous ecological and natural Resources
- Species with special conservation Status
- Decades of meteorological and glacier data
- Camp infrastructure already exists
- Kumtor Concession Area: A potential Biodiversity Sanctuary?
- Positive legacy to people of Central Asia and Kyrgyzstan





# Kumtor Mine Site: Numerous Research Opportunities

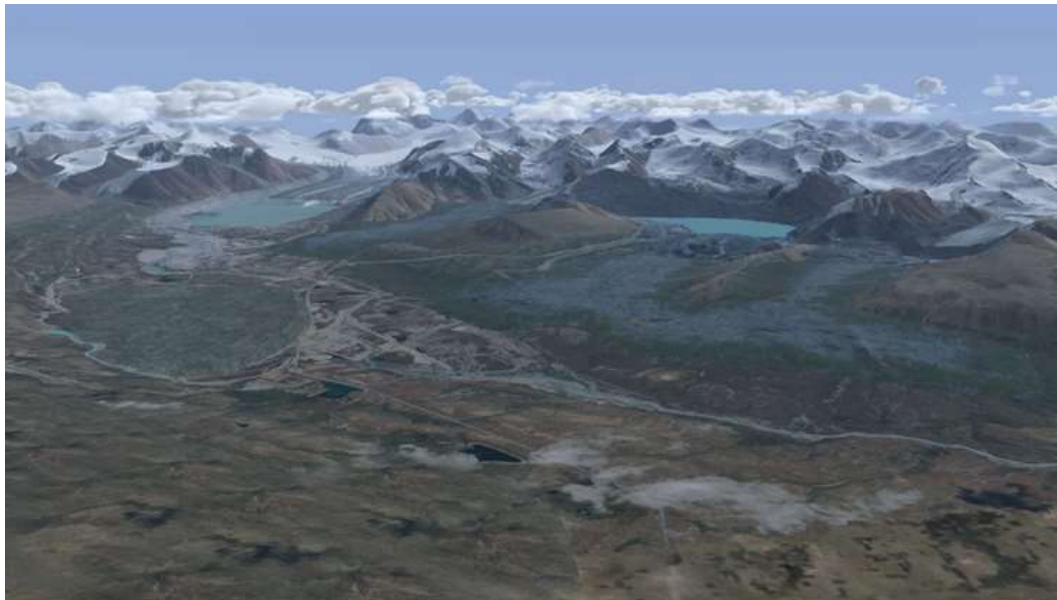


# Kumtor Mine Site: Numerous Research Opportunities



# Research Station: Next Steps

- Identify interested stakeholders – Universities, NGO's, Research Groups, KR government etc...
- Define potential scope and extent of research opportunities
- Investigate suitable management frameworks for long term success
- Develop a detailed proposal and value proposition



*Conceptual Landscape  
after Closure*



# Vision for a Legacy: CCP Animation



## Kumtor Gold Mine Conceptual Closure Plan Animation



Thank you –  
Questions?