



REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

## Strategic Planning for 2023-2025: Saudi Federation for Robotics and RC Sports

### Introduction

The Saudi Federation for Robotics and RC Sports stands at the forefront of innovation and sportsmanship in the Kingdom of Saudi Arabia. Established to nurture and promote the fields of robotics and remote-controlled (RC) sports, the Federation aims to leverage these dynamic and evolving technologies to inspire a new generation of enthusiasts, professionals, and innovators. Through our dedicated efforts, we seek to contribute significantly to the Kingdom's Vision 2030, fostering a vibrant society, a thriving economy, and an ambitious nation.

### Vision

To be recognized as a global leader in robotics and RC sports, driving innovation, excellence, and community engagement through our initiatives.

### Mission

Our mission is to empower individuals and communities by promoting robotics and RC sports as avenues for education, competition, and entertainment. We strive to:

- Develop talents and skills in robotics and RC sports across all ages and backgrounds.
- Enhance the innovation ecosystem in Saudi Arabia through strategic partnerships and support for research and development.
- Foster a nationwide community passionate about robotics and RC sports, grounded in the values of teamwork, integrity, and continuous learning.

### Core Values

- **Innovation:** We embrace creativity and forward-thinking in every aspect of our operations, encouraging innovative solutions and advancements in robotics and RC sports.
- **Excellence:** We commit to the highest standards of performance and quality in our competitions, educational programs, and community initiatives.
- **Inclusivity:** We believe in the power of diversity and inclusivity, providing equal opportunities for participation and growth within our community.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Integrity:** We uphold the principles of honesty, transparency, and ethical conduct in all our activities and decisions.
- **Collaboration:** We value partnerships and teamwork, working together with stakeholders, participants, and the global community to achieve our shared goals.

### Strategic Objectives

1. **Talent Development:** To establish comprehensive training and educational programs that cultivate a skilled talent pool in robotics and RC sports.
2. **Innovation and Research:** To promote research and development in robotics and RC sports technologies, facilitating innovation and technological advancement.
3. **Community Engagement:** To build and sustain an active community of robotics and RC sports enthusiasts through competitions, events, and outreach programs.
4. **Strategic Partnerships:** To forge partnerships with educational institutions, industry leaders, and international organizations, enhancing the federation's impact and resources.
5. **Sustainability and Growth:** To ensure the federation's sustainability and growth through sound governance, financial health, and adaptation to emerging trends and technologies.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

## Current State Assessment

### Performance Metrics

- **World Robot Olympiad (WRO) Achievements:** Ranked 1st once and 7th three times, showcasing significant achievement in robotics on the global stage.
- **International Custom Show Championship in RC Cars:** Achieved 1st place, demonstrating excellence in RC car sports.
- **RC Aircraft:** No global achievements or approved championships, highlighting a potential area for development.
- **Training and Education:** 17 training courses held in 2022, but no established training academy, indicating a gap in structured educational offerings.
- **Digital Presence:** Lack of an online platform for culture dissemination and community engagement.
- **Gender Diversity:** Limited female representation in training, refereeing, and management positions.
- **Sponsorships:** Two sponsorships secured (SABIC and solutions by stc), suggesting initial success in attracting corporate support.

### Industry Benchmarks

- **Competitive Landscape:** The federation's achievements in WRO and RC cars place it ahead of regional counterparts but highlight the need for improvement in RC aircraft and digital engagement.
- **Educational Programs:** Compared to leading organizations, the lack of a dedicated academy and comprehensive curriculum places the federation at a competitive disadvantage.
- **Digital Engagement:** Benchmarking against international federations that utilize digital platforms extensively for community engagement and education reveals a significant gap in the federation's strategy.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

## SWOT Analysis

### Strengths

- **Global Recognition:** Success in international competitions such as WRO and RC cars positions the federation as a leader in these areas.
- **Government Support:** Establishment under the Saudi Arabian Olympic Committee and the Ministry of Sports provides a solid foundation and potential access to resources.
- **Initial Sponsorships:** Early success in securing sponsorships demonstrates the appeal of robotics and RC sports to corporate partners.

### Weaknesses

- **Limited RC Aircraft Achievements:** A notable gap in the federation's achievements, limiting its scope in RC sports.
- **Digital Presence:** The absence of a robust online platform restricts community engagement and global visibility.
- **Training and Education Infrastructure:** Lack of a dedicated academy and professional certification for employees hinders skill development.

### Opportunities

- **Growing Interest in STEM:** Increased global focus on STEM education presents opportunities to expand into educational programs and partnerships.
- **Digital Transformation:** Investing in digital platforms can enhance community engagement, visibility, and educational offerings.
- **Diversification:** Expanding into RC aircraft and other emerging areas of robotics and RC sports could broaden the federation's appeal and participation base.

### Threats

- **Competition:** Rising global interest in robotics and RC sports could attract new competitors, including private organizations and other national federations.
- **Funding Challenges:** Dependence on sponsorships and government support may pose risks in the face of economic fluctuations.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Regulatory Hurdles:** Potential challenges in acquiring necessary licenses and approvals, especially for RC aircraft operations.

### Synthesis of Findings

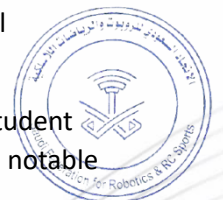
The current state assessment reveals a federation with strong foundations and notable achievements in certain areas of robotics and RC sports, backed by government support and initial corporate sponsorships. However, challenges in digital engagement, educational infrastructure, and diversification of sports categories highlight areas for strategic focus. Opportunities for growth are abundant, with the rising global interest in STEM, potential for digital transformation, and expansion into underrepresented sports areas like RC aircraft. Addressing these strategic gaps while leveraging existing strengths and opportunities will be crucial for the federation's continued success and alignment with the goals of Saudi Vision 2030.

Benchmark analysis is essential for understanding how similar organizations internationally align their vision, mission, and strategic initiatives for success. By examining leading federations in countries like the United Kingdom, Australia, New Zealand, Canada, and Singapore, we can derive valuable insights into effective practices and strategies. Here, we provide an analysis of three such federations, focusing on their key objectives, actions, and outcomes.

### 1. Robotics Education & Competition Foundation (United States)

- **Vision and Mission:** To increase student interest and involvement in STEM by engaging students in hands-on, affordable, and sustainable robotics engineering programs.
- **Key Initiatives:**
  - **VEX Robotics Competitions:** Hosting global competitions for students to inspire engagement with STEM through robotics.
  - **Online Resources and Workshops:** Providing comprehensive educational materials and workshops to support teachers and students.
- **Outcomes:** Successfully expanded to over 40 countries, significantly increasing student participation in STEM education and robotics worldwide. The initiative has led to notable increases in STEM enrollment among participants.

### 2. British Robotics Seed Fund (United Kingdom)





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Vision and Mission:** To stimulate the growth of robotics startups in the UK and to position the country as a leader in robotics innovation.
- **Key Initiatives:**
  - **Seed Funding for Robotics Startups:** Providing crucial early-stage financial support to innovative robotics startups.
  - **Mentorship and Business Support Services:** Offering business advice, mentorship, and support services to portfolio companies.
- **Outcomes:** Facilitated the launch and growth of numerous robotics startups, contributing to the UK's position as a hub for robotics innovation. Enhanced the ecosystem for robotics development, attracting further investment into the sector.

### 3. Robotics Australia Group (Australia)

- **Vision and Mission:** To make Australia a global leader in the robotics industry, driving innovation, and economic growth.
- **Key Initiatives:**
  - **Industry Collaboration:** Fostering partnerships between academia, industry, and government to drive robotics innovation.
  - **National Robotics R&D Strategy:** Developing a comprehensive strategy to prioritize robotics research and development in Australia.
- **Outcomes:** Strengthened Australia's robotics sector, with increased collaboration leading to significant advancements in robotics technology and applications. The strategy has positioned Australia as an influential player in the global robotics community.

### 4. Singapore Robotics Association (Singapore)

- **Vision and Mission:** To drive innovation and growth in the robotics sector, making Singapore a hub for robotics excellence.
- **Key Initiatives:**
  - **Innovation Grants:** Offering financial support for startups and projects that contribute to the robotics ecosystem in Singapore.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Education and Outreach Programs: Partnering with educational institutions to integrate robotics into curricula and organize robotics competitions to stimulate student interest.**
- Industry Collaboration: Facilitating partnerships between robotics companies and various industries to encourage the adoption of robotics solutions.
- **Outcomes:** Increased number of robotics startups, heightened interest in robotics among students, and greater adoption of robotics solutions across different sectors.

#### 5. Robotics New Zealand (New Zealand)

- Vision and Mission: To promote robotics education, innovation, and use across New Zealand, enhancing the country's technological capabilities and workforce readiness.
- **Key Initiatives:**
  - National Robotics Strategy: Developing a comprehensive strategy to guide the growth of the robotics sector in New Zealand.
  - Community Workshops and Events: Organizing events to engage the community with robotics, showcasing innovations, and providing hands-on experiences.
  - Research and Development Focus: Encouraging R&D in robotics by facilitating academic-industry partnerships and funding research projects.
- **Outcomes:** Strengthened national strategy for robotics, increased public engagement and awareness of robotics, and enhanced R&D capabilities in the robotics field.

#### 6. Canadian Robotics Federation (Canada)

- Vision and Mission: To foster a thriving robotics community that leads in innovation, education, and ethical use of robotics technology.
- **Key Initiatives:**
  - Ethics and Standards in Robotics: Leading the development of ethical guidelines and standards for robotics development and use.
  - Robotic Competitions and Educational Programs: Hosting national and international competitions to promote robotics education and skills development.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- Industry-Academia Partnership Programs: Building bridges between universities and companies to accelerate the commercialization of robotics technologies.
- Outcomes: Established leadership in robotics ethics, increased participation in robotics education, and stronger connections between academia and industry, leading to innovation and commercial success.

### Synthesis of Benchmarks

From these benchmarks, several common strategies for success emerge:

- **Strategic Partnerships and Collaboration:** Successful federations actively foster collaborations across academia, industry, and government to drive innovation and growth.
- **Focus on Education and Engagement:** There's a strong emphasis on engaging students with STEM education through robotics, providing hands-on learning experiences that inspire future careers in technology.
- **Support for Innovation and Startups:** Providing financial support, mentorship, and business services to startups is crucial for stimulating innovation and sustaining the industry's growth.
- **Comprehensive Strategies for Growth:** Developing clear, comprehensive strategies to guide research, development, and industry growth is a common trait among leading federations.
- **Emphasis on Education and Talent Development:** Engaging with educational institutions and the youth to build a strong foundation of interest and skills in robotics.
- **Support for Innovation and Startups:** Providing financial incentives, mentorship, and resources to stimulate innovation and support new ventures in robotics.
- **Community Engagement:** Actively involving the community through workshops, competitions, and events to raise awareness and interest in robotics.
- **Partnerships for Growth:** Leveraging collaborations between industry, academia, and government to drive technological advancement and adoption.
- **Ethical Guidelines and Standards:** Developing frameworks to ensure the responsible development and use of robotics technologies.







REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

These benchmarks highlight the importance of a multifaceted approach to developing the robotics and RC sports sector, emphasizing education, innovation, strategic partnerships, and a clear vision for the future. Adopting similar strategies could significantly enhance the impact and success of the Saudi Federation for Robotics and RC Sports in aligning with Saudi Vision 2030's goals.

Based on the current state assessment and benchmark analysis of similar federations internationally, the strategic priorities for the Saudi Federation for Robotics and RC Sports can be articulated around four main pillars. These pillars are designed to address the identified gaps, leverage strengths, and capitalize on opportunities while mitigating threats. They are backed by data and best practices observed in leading federations globally.

## 1. Education and Talent Development

### Objective

To foster a knowledgeable and skilled community in robotics and RC sports, enhancing STEM education and technical proficiency across Saudi Arabia.

### Key Strategies

- **Establish Training Academies:** Develop dedicated academies for robotics and RC sports to provide structured training programs and professional certifications.
- **Curriculum Integration:** Collaborate with educational institutions to integrate robotics and RC sports into the STEM curriculum.
- **Mentorship Programs:** Launch mentorship programs leveraging experts within the federation and its partners to guide and inspire participants.

### Expected Outcomes

Increased participation in STEM fields, a higher number of skilled professionals in robotics and RC sports, and enhanced global competitiveness of Saudi talent.

## 2. Innovation and Technological Advancement

### Objective

To position Saudi Arabia as a leader in robotics and RC sports innovation, driving advancements in technology and applications.

### Key Strategies





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **R&D Investments:** Allocate resources for research and development in cutting-edge robotics technologies and RC sports applications.
- **Industry Partnerships:** Forge partnerships with tech companies, startups, and academic institutions to co-develop innovative solutions.
- **Innovation Challenges:** Host competitions and challenges to encourage the development of new technologies and ideas in the field.

#### Expected Outcomes

Enhanced technological capabilities within the federation, breakthrough innovations in robotics and RC sports, and a strengthened ecosystem for technological entrepreneurship.

### 3. Community Engagement and Awareness

#### Objective

To increase public interest and participation in robotics and RC sports, fostering a vibrant community and fan base.

#### Key Strategies

- **Digital Platform Development:** Create online platforms for knowledge sharing, community interaction, and live streaming of events.
- **Public Events and Workshops:** Organize expos, workshops, and demonstrations to showcase robotics and RC sports to the broader public.
- **Media and Marketing Campaigns:** Implement targeted marketing campaigns to raise awareness and attract new participants and spectators.

#### Expected Outcomes

A more engaged and informed public, increased participation in federation activities, and higher visibility for sponsors and partners.

### 4. Governance and Sustainability

#### Objective

To ensure the federation's long-term sustainability and effectiveness through robust governance and financial health.





REF :

Date :

Enclosures :

: الرقم

: التاريخ

: المرفقات

### Key Strategies

- **Strategic Sponsorships and Partnerships:** Develop a diversified portfolio of sponsorships and partnerships to secure stable funding sources.
- **Operational Excellence:** Implement best practices in governance, including transparent operations, financial management, and strategic planning.
- **Sustainability Initiatives:** Launch initiatives aimed at environmental sustainability and social responsibility within the federation's activities.

### Expected Outcomes

A financially stable and efficiently governed federation capable of sustaining its growth and strategic initiatives over the long term.

### Implementation Considerations

For each pillar, detailed initiative cards will be developed, outlining specific actions, responsible parties, timelines, resources, and metrics for success. Regular reviews will be conducted to assess progress against goals and adjust strategies as needed to ensure alignment with the evolving landscape of robotics and RC sports globally and within the Kingdom.

These strategic priorities are designed to collectively advance the federation's mission, align with Saudi Vision 2030, and position Saudi Arabia as a leader in the global robotics and RC sports community.

However, the effectiveness of this strategic plan depends on several factors:

1. **Detailed Implementation Plans:** Each strategic pillar requires a detailed action plan, specifying initiatives, responsible teams or individuals, timelines, required resources, and expected outcomes. These plans should be agile to adapt to new challenges and opportunities as they arise.
2. **Performance Monitoring and Evaluation:** Establishing clear metrics for success and regular monitoring mechanisms is crucial to track progress, evaluate the impact of initiatives, and make data-driven decisions for continuous improvement.
3. **Stakeholder Engagement:** Active involvement of all stakeholders, including government bodies, educational institutions, industry partners, participants, and the community, is vital for the successful implementation of the strategy. Their input and support can provide additional insights, resources, and advocacy.





REF :

Date :

Enclosures :

: الرقم

: التاريخ

: المرفقات

- 4. Communication Strategy:** A comprehensive communication plan to share the vision, progress, and successes with internal and external stakeholders will help build support and maintain transparency. This includes leveraging digital media, public events, and direct communications.
- 5. Adaptability:** The federation should remain adaptable to changing technologies, market dynamics, and societal needs. Regularly updating the strategic plan in response to new information and external changes will ensure continued relevance and effectiveness.
- 6. Capacity Building:** Investing in the federation's internal capacity, including professional development for staff and leadership, technological infrastructure, and operational processes, will be critical to support the execution of the strategic plan.

In summary, while the strategic priorities and pillars lay a solid foundation for the federation's future direction, success will be determined by effective execution, ongoing evaluation, and the ability to adapt to new challenges and opportunities. Continuous engagement with stakeholders and commitment to the federation's vision and mission are essential to achieving the desired impact and contributing to the broader goals of Saudi Vision 2030.

To align with the strategic priorities and pillars previously outlined for the Saudi Federation for Robotics and RC Sports, we will detail strategic initiatives along with a high-level implementation timeline over the next three years. These initiatives are designed to propel the federation towards its goals, addressing key areas for development and leveraging opportunities for growth.

## Education and Talent Development

### 1. Establish Robotics and RC Sports Academies

- Rationale:** To build a strong foundation of knowledge and skills in robotics and RC sports, addressing the current gap in structured educational programs.
- Objective:** Launch dedicated academies offering comprehensive training programs and certifications.
- Timeline:** Planning and development in 2023, launch of the first academy in 2024, and expansion in 2025.

### 2. Integrate Robotics into School Curriculums

- Rationale:** To stimulate early interest and engagement in STEM and robotics among students.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Objective:** Partner with educational institutions to incorporate robotics and RC sports into existing STEM curriculums.
- **Timeline:** Pilot programs in 2023, broader integration in 2024, and evaluation and expansion in 2025.

## Innovation and Technological Advancement

### 1. Launch an Innovation Grant Program

- **Rationale:** To support research and development in robotics, encouraging innovation within the federation and among startups.
- **Objective:** Provide financial support for innovative projects in robotics and RC sports.
- **Timeline:** Program design in 2023, first round of grants in 2024, ongoing evaluation and additional rounds in 2025.

### 2. Host Annual Robotics Innovation Challenges

- **Rationale:** To foster a culture of innovation and competition, showcasing new technologies and ideas.
- **Objective:** Organize challenges inviting participants to develop solutions to predefined problems or open innovation categories.
- **Timeline:** First challenge in 2023, annual events thereafter with scale and scope expansion by 2025.

## Community Engagement and Awareness

### 1. Develop and Launch a Digital Platform

- **Rationale:** To enhance the federation's digital presence, providing a hub for community interaction, learning resources, and event streaming.
- **Objective:** Create a comprehensive online platform that serves as the central point for information, education, and community engagement.
- **Timeline:** Development in 2023, launch in 2024, with continuous updates and feature additions through 2025.

### 2. Organize National Robotics and RC Sports Expos





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Rationale:** To raise public awareness and interest in robotics and RC sports, showcasing the latest technologies and achievements.
- **Objective:** Host expos featuring demonstrations, workshops, and competitions.
- **Timeline:** Planning in 2023, first expo in 2024, and making it an annual event with increased scale in 2025.

## Governance and Sustainability

### 1. Strategic Sponsorship and Partnership Development

- **Rationale:** To secure sustainable funding and support from corporate partners and stakeholders.
- **Objective:** Establish a diversified portfolio of sponsorships and partnerships that support the federation's activities and goals.
- **Timeline:** Strategy development and initial partnerships in 2023, expansion of partnerships in 2024 and 2025.

### 2. Implement Best Practices in Governance

- **Rationale:** To ensure the federation operates efficiently, transparently, and responsibly.
- **Objective:** Adopt and implement governance best practices, including financial management, operational transparency, and strategic planning.
- **Timeline:** Assessment and planning in 2023, implementation of practices in 2024, ongoing evaluation and adjustment in 2025.

These strategic initiatives are designed to address critical areas for the federation's development, positioning it as a leader in robotics and RC sports nationally and internationally. The timelines provide a high-level overview of when these initiatives will be rolled out, offering a roadmap for the federation's strategic actions over the next three years. Continuous evaluation and adaptation of these initiatives will be essential to ensure they meet the evolving needs and objectives of the federation and its stakeholders.

The outlined strategic initiatives and high-level implementation timeline provide a solid framework for the Saudi Federation for Robotics and RC Sports to pursue its goals over the next three years. This plan aligns with the federation's vision to become a regional and global leader in robotics and RC sports, addressing key areas such as education, innovation, community engagement, and governance.



REF :

Date :

Enclosures :

الرقم :

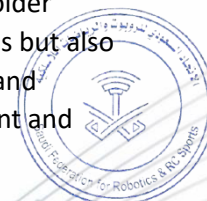
التاريخ :

المرفقات :

However, the success of this strategic plan depends on several factors:

1. **Flexibility and Adaptability:** The ability to adapt these initiatives in response to changing technologies, market conditions, and stakeholder needs is crucial. The federation should be prepared to revise its approach based on ongoing assessments and external feedback.
2. **Stakeholder Involvement:** Engaging a wide range of stakeholders, including government agencies, educational institutions, industry partners, and the community, will be vital for the successful implementation of these initiatives. Their involvement can provide additional resources, insights, and support.
3. **Resource Allocation:** Adequate resources—both financial and human—must be allocated to each initiative. This includes securing funding, recruiting skilled personnel, and investing in necessary technologies and infrastructure.
4. **Monitoring and Evaluation:** Establishing clear metrics for success and regularly monitoring progress against these metrics will enable the federation to assess the effectiveness of its initiatives. This should include periodic reviews and the flexibility to make adjustments as needed.
5. **Communication:** Keeping stakeholders informed about the federation's activities, achievements, and challenges through effective communication strategies will be essential. This can help build support, attract participants, and enhance the federation's visibility and reputation.
6. **Risk Management:** Identifying potential risks to the successful implementation of these initiatives and developing strategies to mitigate these risks will be important. This could include financial risks, operational challenges, and external factors such as regulatory changes.

In conclusion, while the strategic plan provides a comprehensive path forward, its effectiveness will ultimately depend on execution. Continuous effort, strategic oversight, and stakeholder engagement are necessary to ensure that the federation not only achieves its objectives but also contributes significantly to the advancement of robotics and RC sports in Saudi Arabia and beyond. This strategic plan should be viewed as a living document, subject to refinement and adjustment as the federation progresses towards its goals.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

To effectively manage and track the progress of strategic initiatives, detailed initiative cards are essential. Below are examples of such cards for two strategic initiatives outlined in the strategic plan for the Saudi Federation for Robotics and RC Sports.

### Initiative Card 1: Establish Robotics and RC Sports Academies

- **Initiative Name:** Establish Robotics and RC Sports Academies
- **Objective:** To create dedicated academies offering comprehensive training programs and certifications in robotics and RC sports to enhance skills and knowledge.
- **Responsible Person:** Director of Education and Talent Development
- **Key Activities:**
  - **2023 Q1-Q2:** Conduct market research and feasibility studies.
  - **2023 Q3:** Secure partnerships with educational institutions and industry partners.
  - **2023 Q4:** Design curriculum and training programs.
  - **2024 Q1:** Launch pilot academy.
  - **2024 Q2-Q4:** Evaluate pilot program and make adjustments.
  - **2025:** Roll out additional academies across key regions.
- **Timeline:** 2023-2025
- **Resources and Budget Required:** Estimated budget of \$5 million for pilot academy, including infrastructure, staffing, curriculum development, and marketing.
- **KPIs:**
  - Number of academies established by 2025.
  - Enrollment numbers in training programs.
  - Percentage of graduates receiving certifications.
  - Feedback scores from participants regarding program effectiveness.

### Initiative Card 2: Develop and Launch a Digital Platform

الاتحاد السعودي للروبوت والرياضات الالاسلكية - المملكة العربية السعودية - الرياض - تقاطع شارع الملك فهد مع شارع الإمام سعود حي النخيل شارع وادي الحدلي مبنى 2

the saudi federation for robotics & RC sports - ksa - riadh - wadi hadly street - al nakhil dist - bulding 2

+ (6027 234 )11-966 Fax : +(4995550 (11-966 - P.O Box 241013 riadh 11322

info@tahakoom.gov.sa





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **Initiative Name:** Develop and Launch a Digital Platform
- **Objective:** To enhance the federation's digital presence by creating an online platform for community interaction, education, and event streaming.
- **Responsible Person:** Director of Digital Transformation
- **Key Activities:**
  - **2023 Q1:** Define platform requirements and features in consultation with stakeholders.
  - **2023 Q2:** Select technology partners and begin platform development.
  - **2023 Q3-Q4:** Develop content and digital resources for the platform.
  - **2024 Q1:** Launch the platform with a marketing campaign.
  - **2024 Q2 onwards:** Monitor usage and feedback; iterate based on user engagement.
- **Timeline:** 2023-2024
- **Resources and Budget Required:** Estimated budget of \$2 million for development, content creation, and launch campaign.
- **KPIs:**
  - Active users on the platform within the first year.
  - Engagement metrics (e.g., time spent on the platform, interaction rates).
  - Number of events streamed and viewership statistics.
  - User satisfaction and feedback scores.

### Initiative Card 3: Launch an Innovation Grant Program

- **Initiative Name:** Launch an Innovation Grant Program
- **Objective:** To stimulate research and development in robotics and RC sports by providing financial support for innovative projects.
- **Responsible Person:** Director of Innovation and Technological Advancement





REF :  
Date :  
Enclosures :

الرقم :  
التاريخ :  
المرفقات :

- **Key Activities:**
  - **2023 Q1:** Design the grant program structure, including eligibility criteria, application process, and evaluation metrics.
  - **2023 Q2:** Secure funding sources for the grant program, including partnerships with industry and government agencies.
  - **2023 Q3:** Launch the grant program with a call for proposals.
  - **2023 Q4:** Evaluate submissions and award grants to selected projects.
  - **2024-2025:** Monitor progress of funded projects, provide support as needed, and evaluate outcomes.
- **Timeline:** 2023-2025
- **Resources and Budget Required:** Estimated initial budget of \$3 million for funding projects, administrative costs, and promotional activities.
- **KPIs:**
  - Number of grants awarded.
  - Diversity of projects funded (across different areas of robotics and RC sports).
  - Progress and milestones achieved by funded projects.
  - Impact of projects on advancing robotics and RC sports technologies and participation.

#### Initiative Card 4: Organize National Robotics and RC Sports Expos

- **Initiative Name:** Organize National Robotics and RC Sports Expos
- **Objective:** To raise public awareness and interest in robotics and RC sports by showcasing innovations, competitions, and educational opportunities.
- **Responsible Person:** Director of Community Engagement and Events
- **Key Activities:**
  - **2023 Q1-Q2:** Plan the scope and format of the expos, including locations, dates, and themes.





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

- **2023 Q3:** Secure sponsors, exhibitors, and speakers for the events.
- **2023 Q4:** Launch marketing campaign to promote the expos.
- **2024 Q1:** Host the first series of expos across major cities.
- **2024 Q2 onwards:** Evaluate the impact of the expos, gather feedback, and plan for annual iterations with improvements.
- **Timeline:** 2023-2024
- **Resources and Budget Required:** Estimated budget of \$2.5 million for organizing the expos, including venue rentals, marketing, and operational costs.
- **KPIs:**
  - Attendance numbers at each expo.
  - Sponsorship and exhibitor satisfaction scores.
  - Media coverage and social media engagement metrics.
  - Participant feedback and perceived impact on interest in robotics and RC sports.

## Strategic Initiative Tracking Dashboard

### Dashboard Components:

1. **Initiative Overview:** A brief description of each strategic initiative, including its objective and the responsible person or team.
2. **Key Activities and Milestones:** Lists all major activities and milestones for each initiative, with planned start and end dates.
3. **Status Updates:** A regularly updated section showing the current status of each activity and milestone (e.g., Not Started, In Progress, Completed, Delayed).
4. **KPIs Monitoring:** Displays each initiative's KPIs, including baselines, targets, current performance, and status (On Track, Behind Schedule, Completed).





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

5. **Resource Allocation:** Details on the resources and budget allocated to each initiative, with updates on current expenditure and remaining budget.
6. **Risk Management:** Highlights potential risks to each initiative's success, with mitigation strategies and current risk status.

#### Example of a Tracking Entry

- **Initiative Name:** Launch Robotics and RC Sports Academies
- **Objective:** Enhance skills and knowledge in robotics and RC sports through comprehensive training programs.
- **Responsible Person:** Director of Education and Talent Development
- **Key Activities:**
  - Feasibility Study (Jan 2023 - Mar 2023): In Progress
  - Curriculum Development (Apr 2023 - Dec 2023): Not Started
  - Pilot Academy Launch (Jan 2024): Not Started
- **KPIs:**
  - **Baseline:** 0 academies, 0 enrollments
  - **Target:** 1 academy by 2024, 100 enrollments in year one
  - **Current Performance:** N/A
  - **Status:** On Track
- **Budget:** \$5 million allocated, \$500K spent on feasibility study
- **Risks:** Potential delays in curriculum development. **Mitigation:** Engage additional curriculum development experts.
- **Status:** On Track

#### Implementation and Management

- **Software Tools:** Utilize project management software (e.g., Asana, Trello, Microsoft Project) or custom dashboards (e.g., developed in Tableau or Microsoft Power BI) to





REF :

Date :

Enclosures :

الرقم :

التاريخ :

المرفقات :

create and manage the tracking dashboard. This tool should allow for real-time updates and access by all stakeholders.

- **Regular Reviews:** Schedule regular review meetings (e.g., monthly or quarterly) with initiative owners and stakeholders to update the dashboard, review progress, address challenges, and adjust plans as necessary.
- **Integration with Communication:** Ensure the dashboard or tracking tool is integrated with communication platforms (e.g., Slack, email) to facilitate alerts and updates on progress and issues.
- **Accessibility:** Make the dashboard accessible to all relevant stakeholders within the federation, ensuring transparency and enabling collaborative problem-solving.

This structured approach to tracking ensures that the federation can effectively monitor the progress of its strategic initiatives, make data-driven decisions, and adjust strategies as needed to achieve its objectives.

