

## **Gaiapolis Strategy: San Francisco's Bio-Circular Regenerative Future**

*Dream no small dreams for they have no power to move the hearts of men.  
Johann Wolfgang von Goethe*

San Francisco has an historic opportunity to reinvent its downtown and lead as the “UN of Bio-Circular Regenerativity” since UCSF Mission Bay is pioneering climate health justice and the City innovates in inclusion, diversity and sustainability. However, the City must move beyond sustainability to newer business models of circularity and regenerativity in all fields. How can it move quickly?

TANDO.org, our 501.3c “Think+Do Tank”, proposes an SF-Asia Gaiapolis program to jumpstart the City’s transition by inviting Asia-Pacific Economic Cooperation (APEC) companies and cities to share their best practices in bio-circular and regenerative development, invest in downtown offices, and collaborate with local organizations to develop nature- and people-centric bio-circular innovations. Asian nations are highly motivated to work with SF on new regenerative solutions, as this article notes:

*APEC’s Bangkok Goals for a bio-circular-green Asia-Pacific economy will set the region on a path of prosperity and sustainability*  
<https://www.apec.org/press/blogs/2022/securing-a-green-future-for-the-asia-pacific>

The APEC Summit in SF during the week of November 12th is the perfect opportunity to invite APEC innovators, urban designers, investors, companies, artists and start-ups. TANDO has extensive Asia Pacific expertise and ties with APEC nations since our team has former executives and State Department representatives who have worked with APEC nations for decades. We will work with consulates and trade agencies, beginning with Japan and JETRO, and invite other nations to join us.

What is Gaiapolis? As described in the “Gaiapolis Strategy” book by Sheridan Tatsuno, the SF project leader, Gaiapolis integrates nature, healthcare and climate tech innovations to create new green jobs and bio-circular industries, redesign downtowns as safe, clean, inclusive, diverse and regenerative cities, and accelerate urban electrification and decarbonization in an 8-year roadmap. Gaiapolis is the future of cities since it mainstreams climate action by citizens and businesses. <https://dreamscapeglobal.com>

TANDO has deep experience in enabling cities to innovate. From the 1980s, our TANDO founder worked at IC2 Institute with local leaders to create the “Austin Miracle” as a leading Technopolis, based on Tatsuno’s “Technopolis Strategy” book (1986), which was adopted by 1,000 tech hubs around the world, including France’s 30 Technopoles, Asia, China and the U.S. In the 1980s, Tatsuno advised Japan, South Korea, Taiwan, Hong Kong, Singapore, Bangalore and China on establishing their Technopolis business parks. In 1990, he was a founding member of the SF Multimedia Development Group (MDG) that received unanimous city council approval of its proclamation declaring “SOMA: The Multimedia Capital.” Today, TANDO is advising cities to transform their carbon-heavy Technopolises into regenerative bio-circular cities. We propose to transform downtown SF into a “Bio-Circular Capital” by bridging the City with APEC to create a prosperous “Golden Gate of Green Commerce.”

TANDO’s Gaiapolis SF goal is to engage APEC investors, companies, artists and entrepreneurs in sharing their best practices for building flexible offices and walkable eco-village designs and revitalize downtown with their arts, culture, education and commerce, while positioning SF as a leader in urban bio-circular regenerativity where APEC innovators can collaborate with SF and other nations downtown.

## Gaiapolis SF 2030 Program

Our program will launch the following initiatives to be mainstreamed over time:

1. **“Evolutionary Values” workshops** to define local needs and “big picture” bio-circular regenerativity opportunities integrating nature, healthy cities and climate technologies
2. **Gaiapolis SF platform** based on SalesForce’s CRM for online collaboration, planning, training, project management, global marketing and event management, which will be scaled to our global network of public and private partners.
3. **Flex City forums** to share ideas for flexible office innovations for compact, lively multi-use communities, as commonly found in Japan and Asian cities.
4. **Red Carpet program** to invite APEC investors, companies and start-ups to open in downtown offices
5. **Bio-Circular Arts and Entertainment Complex** near MOMA, Yerba Buena Park and Moscone Center, headed by APEC nations and open to all nations through TANDO’s collaboration platform
6. **Regenerative Fashion** events to promote this emerging growth industry where SF fashion designers can recycle textiles and clothes locally for small quantities and work directly with APEC manufacturers for global scaling

**Gaiapolis SF Workshops:** To attract APEC investors, companies, startups and talent and create new high-value bio-circular regenerativity jobs, we will offer practical, hands-on training workshops both online and onsite to:

- Identify downtown SF needs, goals and resources through our **Evolutionary Values** series of open town halls with local and APEC innovators
- Cultivate a network of local and APEC partners who can identify bio-circular opportunities, share their best practices, and bring resources, investments and companies
- Develop a Gaiapolis SF Vision to define and establish bio-circular policies, frameworks, programs and guidelines for downtown SF based on ideas and input from APEC cities and businesses
- Target “low-hanging” industries where APEC companies can fill downtown offices, such as AI, biotech, climate tech, permaculture, space imaging, virtual tourism, media tech, entertainment, bioengineering, virtual medicine, indigenous and herbal medicines, carbon markets, and a crypto Market Street (see “Gaiapolis Strategy” for emerging bio-circular jobs and industries, pp. 104-106)
- Red Carpet program to active recruit APEC innovators to open labs and marketing offices

In these workshops, the sky is the limit and imagination and creativity will be encouraged. Deliverables will include a Gaiapolis SF 2030 Vision: “Our Bio-Circular Future,” roadmap, brochures, webcasts, presentation videos and slide decks to attract new downtown office tenants.

**Gaiapolis SF Platform.** TANDO will provide our collaboration platform for sharing ideas, plans, innovations and connections. The scalable platform will feature SalesForce CRM, AI, blockchain and open APIs to enable other organizations and companies to participate. We will invite all cities to our global platform. TANDO will use open APIs to link to other platforms:

- TANDO: Our Circle collaboration platform
- Aimedis.io: Personalized healthcare platform since 2017 using AI avatars, blockchain, NFTs and Metaverse VR engines (Unreal 5.2 and NVIDIA’s Omniverse), which can collaborate with UCSF, USF, Cal, Stanford and other platforms.
- Regenerate.is: Monetizing music NFTs for local biodiversity, regenerativity and climate projects. Launching in September.

**APEC Red Carpet.** Before and after the APEC Summit, we will collaborate with APEC embassies, consulates and trade associations to launch a Red Carpet program for visiting APEC corporations, investors and entrepreneurs who want to do business in the City. We are planning a U.S.-Japan/Asia Gaiapolis bridge program as a gateway for APEC companies to the U.S. market where they can collaborate online and on-site to determine the best SF office locations. Our Austin Technopolis program successfully attracted new companies to Austin, which is the model for our proposed APEC initiative.

**Flexible Offices:** About 40% of downtown SF offices can be redesigned for housing and multi-use districts, but most owners will not invest in traditional retrofits due to high costs. Instead, we will:

- Invite local and APEC architects, interior designers, and realtors to share their ideas for innovative small, flexible multi-use designs for housing and offices that feature prefab housing modules, co-working and co-living spaces, overnight and short-term capsule rooms, and other new design approaches. Japan and Asia have decades of experience with small, multi-use housing and urban villages suitable for crowded cities.
- Create co-working/co-living spaces as innovation labs with Salesforce, Mitsubishi Bank and other owners of downtown offices
- Organize Flexible Office contests with landlords and Cal's architecture department

**Street Festivals:** San Francisco is famous for its lively street festivals and fairs where music, arts and crafts, global fashion and foods attract visitors from around the world. In the 1960s, SF was the rock capital of the world with its 1967 Summer of Love music festivals and theatrical performances in Golden Gate Park and on Market Street. We need to revive that joy by inviting APEC organizations to host bio-cultural events with local and international talent at venues in downtown SF:

- Asian holiday festivals, exhibits and performances celebrating Bay Area and global artists, musicians, performers, gamers, fashion shows and other venues.
- Monthly arts salons in downtown offices and co-working space to create new communities
- Outdoor festivals with music, food, dance, and street fashion shows in closed streets and public places downtown
- APEC consulates will be invited to host their own festivals and showcase their music, dance, foods and companies.

To attract people downtown, we will work with the City's entertainment office and Bay Area entertainment organizations to host outdoor concerts, dances and fashion shows in public spaces and closed streets. Burning Man fans and other cultural arts organizations will be invited to join APEC-sponsored bio-circular events.

**Bio-Circular Arts & Entertainment Complex:** To leverage street festivals, we propose inviting APEC and other nations to create a global arts and entertainment complex in downtown featuring their musicians, artists, dancers, fashions, gamers, media studios, martial arts, chefs and other talent to promote and show bio-circular productions. Besides the traditional arts, this complex would feature venues for young people, such as J-Pop, K-Pop, C-Pop, Gangnam and other Asian popular culture. This complex should be like entering a global bio-circular village of the future, with colourful lighting, lightshows, foods, dancing and celebrations of each culture's holidays, which would ensure year-round celebrations by 40+ APEC and all nations. BART will have to add extra cars during weekends and holidays to handle the crowds. This complex will be open to all nations, but initially catalyzed by APEC.

**Regenerative fashion** is an emerging bio-cyclical industry that can reduce the waste and carbon of the current linear "fast fashion" industry, which is heavily dependent on Asian manufacturers. SF fashion designers can work with APEC manufacturers to reinvent SF as a leading "Regenerative Fashion Center" with fashion shows, contests, and research challenges in new biomaterials, recycled textiles and clothes,

localized design labs, bio-circular manufacturing, merchandising and distribution. We would involve the SF High School of the Arts, Academy of Art University, California Institute of Fashion, California College of the Arts, CCSF, SFSU, K-12 schools, colleges, universities and other fashion organizations to educate local designers and create many high-paying regenerative fashion jobs in the City.

Mr. Tatsuno is a filmmaker who will involve SF fashion designers and filmmakers to produce webcasts, documentaries, TV shows, AR/VR fashion sites and movies to promote the City's regenerative fashion designers. His family's store, Nichi Bei Bussan, sold kimonos near the SF Chinatown gate in 1902 so he grew up around fashion. See History at NBstore.com.

These are ambitious plans, but our team has the expertise to attract APEC leaders and introduce them to SF organizations to turn them into business reality.

### **Our Qualifications:**

**Local presence and operations:** Sheridan Tatsuno will lead our core SF team (see list below) and invite Aimedis.io, a personalized medicine start-up from Europe where he is Chief Strategy Officer, as part of its Bay Area market entry. He is co-founder of the TANDO Gaiapolis program and advisor to Regenerate.is and other tech startups.

### **Timing and Pathway to Implementation**

TANDO will establish our "Invest in SF" red carpet program with the following actions:

#### 1. October:

- Weekly in-person Evolutionary Values workshops with downtown office owners, businesses and residents to identify their needs, goals, visions, resources and obstacles.
- TANDO Gaiapolis SF platform, based on SalesForce, to announce and manage events, run online training and manage the sales funnel
- Video interviews and event recordings for webcasting, streaming and TV networks
- "Invest in SF" promotional literature and social marketing

2. November: APEC workshops leading to and after the November 12-16 APEC Summit covering investment and co-working/co-living opportunities in downtown offices

### **Local Impacts:**

TANDO aims to effect the following impacts:

- Provide a new Gaiapolis approach to bio-circular regenerativity values, best practices, collaborative research, and investments in flexible offices and walkable districts based on APEC best practices
- Provide the Gaiapolis collaboration platform, powered by SalesForce, for global scaling with all cities, towns and bioregions worldwide
- Train local residents in emerging technologies (GenAI, VR/AR, NFT, blockchain) for practical SF use cases and business models with NVIDIA's Omniverse and Epic Games' Unreal 5.1 Engine
- Train healthcare workers, patients and communities on healthy lifestyles using the Aimedis.io virtual reality (VR) platform for Healthy Cities, which can visualize downtown and the entire City to integrate smart cities, climate, real estate, tax and other data by building.

## Socioeconomic Impacts

Our mission is to:

- Create new regenerative jobs down in research, startups, arts and entertainment
- Provide practical, hands-on training for personalized healthcare, flex office design, and regenerative permaculture and urban design using our AI and VR/AR platforms
- Promote the arts and culture downtown by attracting APEC, global and local artists
- Provide a Gaiapolis platform for local K-12 STEAM and public educators and students
- Revitalize downtown SF as a leading Gaiapolis center of excellence in regenerative bio-circular development

**Financial Viability:** TANDO is a 501.3c requiring seed funding (\$50,000-\$100,000) and the Salesforce CRM for the Gaiapolis SF website on the TANDO platform. TANDO Fellow Nathan “Nth” Bar-Fields is dedicated to applying for government and nonprofit grants, corporate investments, and donations.

**Scaling:** Our TANDO platform is launching for California cities soon and can be scaled globally to cities, towns and bioregions. Our goal is to provide Gaiapolis training online to 10,000 cities by 2030.

**Diverse Team:** Our team has Asian American, Latino, Black, women, APEC and global Fellows and will work with all public, private and nonprofit organizations in the City who share our regenerativity goals.

In conclusion, TANDO is prepared to quickly launch our Gaiapolis program of downtown needs assessment and Evolutionary Values and Gaiapolis training workshops. We look forward to working with the City of San Francisco and its supporters to reinvent downtown.

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### San Francisco team members:

Sheridan Tatsuno, sustainable planning leader and serial entrepreneur

<https://www.linkedin.com/in/statsuno/>

Bruce Boyd, real estate attorney

<https://www.linkedin.com/in/bruceboydlaw/>

Glen Fukushima, SF/Tokyo/Washington D.C., former USTR to Japan under Clinton and Bush Jr.

<https://www.linkedin.com/in/gfukushima/>

Esha Bargate, TV producer

<https://www.linkedin.com/feed/update/urn:li:activity:7076319727496671232/>

Whitney Sales, business development super-connector, The Sales Method (adviser)

<https://www.linkedin.com/in/whitneysales/>

Pete De Mare, private equity (adviser)

<https://www.linkedin.com/feed/update/urn:li:activity:7076319727496671232/>

**TANDO team:** <https://tando.org/>

Julian Gresser, international attorney, Big Heart Technologies, Santa Barbara

<https://www.linkedin.com/in/julian-gresser-1282a557/>

Fred Philips, TANDO net, Albuquerque, NM, former Technopolis manager at IC2.org, UT Austin:  
<https://www.linkedin.com/in/fred-phillips-6b484/>

William Moulton, collaboration, AI, learning and data visualization, San Anselmo  
<https://www.linkedin.com/in/williammoulton/>

Ben Levi, broadband alliance integrator, Boulder, CO  
<https://www.linkedin.com/in/ben-levi-a30987/>

Nathaniel "Nth" Bar Fields, fundraiser, Founder/CVO, Elysian Trust, League City, TX  
<https://www.linkedin.com/in/nthbarfields/>

Patricia Bader-Johnston, Tokyo (since 1988), sustainability professor, former IBM  
<https://www.linkedin.com/in/pbaderjohnston/>

T.W. Kang, former Intel executive, Japan-Asia expert.

For more information, contact:

Sheridan Tatsuno, Principal, Dreamscape Global  
Co-founder, TANDO Gaiapolis  
810 Gonzalez Drive  
San Francisco, CA 94132  
415-254-4195  
<https://dreamscapeglobal.com>  
[smtatsuno@gmail.com](mailto:smtatsuno@gmail.com)  
[Sheridan@dreamscapeglobal.com](mailto:Sheridan@dreamscapeglobal.com)