



Sky Train Corporation

Transportation Consultants & Engineers

Working as Global NexGen Solutions



Resiliency & Sustainability Consultants
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List of Associates, Milestones, and Participation in Sky Train's (STC) Development:

- 1987 to 1992 Started to design the Overhead Suspended Light Rail (OSLR) system
- Early 1995 **Vetted concept with University of South Florida, Illinois Institute of Technology (Wind Tunnel Test), Florida Institute of Tech** for synergy
- September 26, 1995 **Incorporated as Licensed Engr. Firm & approval by Florida Dep. Of Transport (FDOT); Note: it was originally Suncoast Engineering & Manufacturing Inc. since 1988.**
- April 1, 1996 **Wilfred Sergeant, VP of Operations assists and becomes co-patent holder**
- May 22, 1997 CAC resolution to the Pinellas Metropolitan Planning Organization
- June 11, 1997 **MPO approves forwarding resolution to Major Investment Study regarding Use of STC**
- November 30, 1999 **Grand Canyon Initiative: Sky Train was short-listed by Parsons to the build consortium.**
- August 29, 2000 Presented to Chairman and Pinellas County Citizens Advisory Committee (CAC)
- September 26, 2000 **Selected by the 2nd President's National Science & Technology Council** – 1 of 4 for capacity
- April 25, 2001 **University of South Florida's Center for Urban Transportation Research** gives a support letter.
- April 27, 2001 **SkyRail UK Ltd – Established Joint Venture sales office in the United Kingdom**
- March 7, 2002 AAR Composites – agreements formed with Monorail Manufacturer
- April 24, 2002 Tampa Steel Erecting Company – agreements formed with Bridge Builder
- April 29, 2002 Largo Central Railroad – Modeling society **provides ongoing input and testing facility**
- June 25, 2002 **American Railworld, High Speed Rail & Investors agreement with STC for \$50 million**
- September 10, 2002 Kisinger Campo & Associates Corp. - Bridge Designers assisted with first structure
- November 8, 2002 **Florida Technological Research & Development Authority** awarded us **research grant**
- September 9, 2003 **Illinois Institute of Technology** sent support letter to the **Chicago Transit Authority**
- June 18, 2004 **Museum of Science and Industry (MOSI), Tampa; monorail system request**
- December 8, 2004 **Pinellas Suncoast Transit Authority (PSTA) & USF Sp. for Accelerometer ride quality grant**
- May 24, 2005 **Panelist at the 2005 International Space Development Conference for Planetary USE**
- August 29, 2005 **Hillsborough Area Regional Transit Authority (HARTline)** letter of support for MOSI project
- January 13, 2006 **Florida House & Senate list \$2 + 8 million on the budget for a Sky Train at MOSI (3 years)**
- May 4, 2006 **Panelist at the 2006 International Space Development Conference**
- October 24, 2006 **USPTO - Patent for STC100, STC150 & STC300 published with 63 approved claims**
- November 8, 2006 **NASA, STC, and TRDA; joint design of Gimbals Connections for speed, safety and comfort**
- October 9, 2007 **DOE Grant with the Florida Solar Energy Center at the University of Central Florida to design Energy Accumulation, Storage and Rapid Transfer (ET) technology with STC as PI**
- December 4, 2007 **Finished costing Port Freight Container movement for Dept. of Homeland Security**
- February 8, 2008 Launched **new STC500 Vertical Horizontal Crossing design & animation** on website
- March 31, 2008 **STC with our India Representative made a submission to Improve Suspended Sky Bus - India**
- June 9, 2008 Several more concepts are submitted for the patenting process now past \$80,000
- July 1, 2008 **DOE grant for ET Energy Exchanger starts in collaboration with UCF/FSEC**
- May 19, 2009 NuEnergy Technologies, **Destiny Eco-City & Sky Train Joint Venture formed for grants**
- June 22, 2009 **ESI creates OSLR simulation for STC website.** See <http://stc-in.com/STCweb.mpeg>

June 26, 2009 **STC forms formal **Advisory Committee and retains a CPA, for Document packet in 2010+****

March 25, 2010 **STC representatives join Florida Space Coast Clean Cities Coalition**

April 13, 2010 **USF's Clean Energy Research Center (CERC) in August 2010 submitted a \$25 million grant to power & build an Energy & Transit Exhibit at MOSI.**

July 20, 2010 **Prema Global Technology & Light House Creative forms partnership with STC to build a potential system build in Rio de Janeiro, Brazil for the 2016 Olympics, funding not approved**

December 2010 **Expanded team to focus on 1st build of less costly (SOAR300) system; for low HUD housing**

February 24, 2011 **Launched new www.SOAR300.com website**

March 2011 **STC 3 representatives attend TRDA 2 day workshop for entrepreneurs writing Business Plan**

March 17, 2011 **STC forms partnership with the University of Connecticut for energy and electronics grants**

April 2011 **Completed updated versions of Business Plan and CPPM for new Stock Offering**

April 23, 2011 **Sky Train selected to exhibit at Earth Day Tampa Bay 2011 on sustainable and healthy lifestyles**

April 28, 2011 **NuEnergy and STC form a Joint Venture to develop a Vertical Wind Turbine**

May 17, 2011 **NASA contest of SOAR300 <http://contest.techbriefs.com/component/content/article/1318> ; ET Power Station <http://contest.techbriefs.com/component/content/article/1461> and for Create the Future & Win STC100/150: <http://contest.techbriefs.com/component/content/article/2520>**

May 31, 2011 **STC joins LinkedIn for networking with Social Media sites Awarded Who's Who Internationally**

June 2011 **Sky Train forms partnerships with industry leaders, manufacturers and suppliers, including Prince Precision Products, for cost reductions and to begin the commercialization stage**

September 2011 **STC focuses on Middle Eastern initiatives. Submitting a USAID grant for a system in Egypt**

December 16, 2011 **STC present as 1 of 16 companies at the International Monorail Conference and other locations at www.MonorailEX.com in Las Vegas, NV**

December 21, 2011 **At the Vegas meetings with 2 inventor groups now sharing with 8 inventors in Henderson, LV**

January 2012 **A 1/20th scale SOAR300 model was laser machined at Prince Precision Products in GA**

June 22, 2012 **Display booth won 2nd place as to the Popular Vote Plaque pix at [Corporate/Pictures](#)**

October 2012 **Booz-Allen select our STC150 for offshore port and cross country "ZipLine" connections**

May 2013 **Formed "Global NexGen Solutions" a DBA of STC supporting 'Emerged Technology' vendors & Representatives for marketing. Started marketing Emerged Technologies Sept 2013.**

August 15, 2013 **Filed a Provisional Patent for SOAR300 & SOAR500; total spending now \$80,000.00 patents**

October 2013 **Started synergy with off-shore reps, offshore ports for Thailand, Oil technology to Nigeria etc.**

March 2014 **Contacted India Puducherry "SkyBus" re similarity of systems**

May 2014 **Clarified funding procedure for freight with Vice Secretary Bitter at Seminar**

August 2014 **Created MOU's with India regarding their 46 Slide PP & 343 Page documentation of STC**

October 2014 **FDOT & FL Ports Authority great reviews of our container concepts & locations encouraged**

November 2014 **accelerating accumulation of manufacturers quotes in Sweden, UK and Europe using grants**

January, March 2015 **Goal, to visit vendors after submitting new Container Port Automation Patent**

Presented at Legislative Delegations Karl – Pinellas; Dr. Bragdon Hillsborough Counties

Met with Florida's Ports Council & with large Department Of Transportation (FDOT)

Our revenue solution: <http://contest.techbriefs.com/2015/entries/automotive-transportation/5253>

March 2016 & 2018 **Met with Bromma Spreader Manufacturer in Sweden reviewing technology. Introduced by FDOT to Port Canaveral wanting STC technology for containers and passengers. "Have Memorandum of Agreement" to build at the 14 port city in Bangladesh, published in Dhaka University's Annual Report. Made a presentation in the International APM Event in Tampa, needing systems.**

Published Port Automation "VAST" math, to calculate rail speed & forces and Canaveral routes

Sustainable Florida: STC 'Green Building Award' www.skytraincorp.com/consultants.htm

See websites: www.SkyTrainCorp.com for simulation, TV news clips from [Fox 13](#) and Bay News 9 on MOSI Sky Train and Energy Exhibit, and ask about our Highly Experienced Member & Advisor resumes.