

A Short Guide to some Projects and Initiatives – Accomplished, Underway or Planned

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[COMMENT Jan. 26, 2012 – Depending upon your interests, you may want to ignore all the heavy-duty Science/Technology stuff that you'll find here and focus on the educational & social items.

What can be of value to some readers: we have a small but powerful, reliable team, a small staff with diverse talents and skills and serious discipline who can really serve the interests of many types of business, public agency or special project.

The items below. where I have made the "cell background" **yellow color** may be the most interesting (and those in lighter yellow background also of some interest), from the standpoint of tools as well as projects that can be rapidly borrowed, reconfigured, redesigned, and otherwise used for Your Needs.]

Some annotations are here, brief and incomplete, with each URL, including those that are not a "website" per se but a directory full of files (papers, presentations, mainly).

I do not expect you to dig into all of these, nor to spend much time on anything in particular. Please explore and survey as you would if you had come up onto a crest or ridge in the mountains and you had discovered a new landscape, one that you had perhaps heard about but not yet seen. Well, here it is.

Take your pick, take your time, but get a "feel" for what is here and what is all easily Available and Ready or very nearly so. The general (not "strict") motifs of each are indicated by background color codes.






















Yellow – stronger on human-service, social-development	LightBlue – more on education/training
Green – stronger on tech, products, commercializable, for-profit	Gray – more on defense/security
Purple – stronger on basic research (maths, physics, bio, energy)	Red – more on medical/public-health
DarkBlue – more on space (exploration, power, colonization)	

Specific references to corporate entities that are spin-outs of TetraDyn are highlighted in **green**.

[(from 26.Jan.12) This next paragraph was written for people with the science/tech interest, but I left it here "for reference"] If you were to look at only a few links, I would suggest Four. One is the material on ESB and EGIA under LEAPS under IIS (the Institute; everything connected with <http://instinnovstudy.org> including the ECOADUNA Programme, <http://ecoaduna.instinnovstudy.org/forum>). No matter how elegantly we work out things for energy, security, space, education, and economy, we need health and we need to be able to handle and adapt intelligently to changes - biologically, epidemiologically, and on a planetary scale, regardless of what perturbations happen in climate, economics, politics. But I hope you can find the time to explore the other materials. Second is what is really available or nearly so in commercializable products – TETRADYN (<http://tetradyn.com>., and also <http://we.tetradyn.com>, <http://podlab.tetradyn.com>, <http://meetnjoin.com>, <http://healthnvest.com> among others) . Third and Fourth are about what can work, what can do the work, in collaboration with other groups, including legitimate religious and charitable organizations. These are PLANTER and the USCC:

<http://ecosymbio.instinnovstudy.org/port> and <http://uscc.ucarems.org>

Where to go	Codes	What you'll find
Principal Sites and Sources of Material		Basic intro information here
Non-Profit R&D and service focus		
<i>Parent organization - ECOADUNA Foundation</i>		
http://ecoaduna.org The Primary Organization Multiple key sub-organizations and projects: IIS (incl. Fab-Lab); ETA (incl. several projects both terrestrial and space-based); ACADEMY (incl. Aletheia, Andalusia, ArsBio, Museo, FuturesGateway & UCAREMS (incl. Planter)); ESEP (EcoSymbioEconomicsPark)	X X X X X X	The ECOADUNA Foundation - the primary non-profit organization (501c(3) nonstock entity) with the mission to initiate, coordinate, support, foster and manage most of the projects and activities that are either explicitly/directly part of the Foundation or related via the TetraDyn Group of Companies and the EcoSymbio Economics Park (ESEP)
http://ecoaduna.instinovstudy.org (specifically http://ecoaduna.instinovstudy.org/forum) Main portal/forum focused upon Earth and Space projects (ETA within ECOADUNA) and what is commercialized through the ANKI company (see ESEP)	X X X X X	(older; Spring 2012) The key web portal for the Foundation. The original <i>ECOADUNA Programme</i> developed with a focus on MOSES, HALO, ASTRIC) and has grown to encompass the other projects now under the umbrella of the Foundation, including the for-profit ventures of the TetraDyn Group and the ESEP as a whole.
<i>Basic Research Focus</i>		
<i>The IIS branch and its LEAPS Lab</i>		
http://instinovstudy.org The Institute (IIS) - focus on very basic theoretical and long-term research	X X X X X	IIS – Institute for Innovative Study – Martin's scientific lifework; "what I want to complete and give to the world," modeled directly after the IAS (www.ias.edu) which was started @ 1930 by just a little help from one pair of bright siblings. Now its dominant thrust is supporting all of the ECOADUNA scientific endeavors including the LEAPS Lab and within it the PBC and Cygnus Programs (main) and also ABORINT and PSD Programs (smaller in scope).
http://instinovstudy.org/leapsintro.php The LEAPS Lab	X X X	About LEAPS – the Lab at the heart of IIS and its basic pure-research focus – PBC, Cygnus, ABORINT, PSD.
http://library.instinovstudy.org/	X	Some papers, mostly older ones – at the top is a link to a downloadable set of more titles
http://pbc.instinovstudy.org/ The Lab's Major Project in Bio-Med	X X	A central focus of LEAPS and much current work. Go to "EGIA" link at center - you find very interesting materials. (Skip the "portal" listed at bottom –not started.). See "bigger picture" directory.
http://cygnus.instinovstudy.org/	X X	Under development – slow-moving, quiet, very basic theoretical work, not yet public
http://aborint.instinovstudy.org	X	Under development – future, when funding enables a return to these activities
http://psd.instinovstudy.org	X	Under development – future, when funding enables a return to these activities

<i>Space Project Focus</i>		
<i>The Ex Terra Ad Astra (ETA) branch</i>		
http://eta.ecoaduna.org Earth and Space projects (ETA within ECOADUNA) and what is commercialized through the ANKI company (see ESEP)	    	(original focus) on integrating PODs and developing MOSES and ASTRIC (space-based energy & planetary protection, with prototyping and proof-of-concept work by the private sector, involving mentors, experts, students and youth from around the world. Key projects: CERES, TERRA, MOSES, HALO, ASTRIC, ECCOS
<i>Education and Jobs-training Focus</i>		
<i>The Academy branch</i>		
http://academy.instinnovstudy.org The Academy (related: http://veritas.instinnovstudy.org – focused on online courses) (Non-profit education, under ECOADUNA)		Getting back to a model of education that includes ancient Greece (Plato), India (Shankara), and the models of Oxford, Cambridge and Sorbonne among others
http://instinnovstudy.org/csec/arsbio/ (new site: http://arsbio.ecoaduna.org) (project within ECOADUNA Foundation)	 	ArsBio Project for the interactive and educational fine arts
http://instinnovstudy.org/csec/encyclopedia/ideas/ (project within The Academy, within ECOADUNA Foundation)	 	IDEAS Internet-based Encyclopedia similar to "Great Books" (Britannica)
http://tetradyn.net/futgate/ (new site: http://futuresgateway.ecoaduna.org) (within Academy, in ECOADUNA Foundation)	 	Futures Gateway youth-oriented online team education and STEM competition program
http://aletheia.instinnovstudy.org (new site: http://aletheia.ecoaduna.org) (Non-profit publishing, under ECOADUNA)		Publishing outlet for books – online and paper (in-print)
http://cibi.instinnovstudy.org/rmer (Radiation Medical Environmental Response) (now under IIS/Academy) http://cibi.instinnovstudy.org/sos (Severe Mental Stress/Disease Outreach "SOS") (now under UCAREMS/Academy) http://cibi.instinnovstudy.org/stemfablab (STEM-focused "fab lab" – more down-to-earth than MIT's and for many flavors of learners and abilities) (now under IIS/Academy) http://cibi.instinnovstudy.org/mindbots (Educational projects with robots for children and adults) (now under Academy)	    	Related as part of CIBI and within IIS but again with a stronger applied+social+educational emphasis Note that RMER is now getting well-underway, not described so much on any website, and with imminent fieldwork set to begin @ the Four Corners area of the USA, @ Fukushima region, and @ Chernobyl. Mindbots and StemFabLab are closely linked with RMER objectives. The Fab-Lab now aims to serve all ECOADUNA incl. ESEP projects.
http://cibi.instinnovstudy.org (This is all now folded-into and absorbed within different aspects of ECOADUNA, principally within the IIS and the Academy, but some also into UCAREMS and ESEP)	   	An education→STEM effort to integrate basic research with applied R&D & also with kids from middle-school on up to adults –all of this (and the components mentioned below) are part of the IIS Institute above. Recent proposals: enhancing parent+children activities, esp. for split families, activities w youth & adult victims or perpetrators of abuse, bullying, crime, drugs.

<i>Social and Community Service Focus</i>		
The UCAREMS branch of The Academy within the ECOADUNA Foundation		
http://ucarems.org UCAREMS (Non-profit service, under ECOADUNA)	X X	Unified Community Awareness Response Emergency & Medical Services – science & engineering in non-profit ways to real problems
http://ecosymbio.instinovstudy.org/port PLANTER – non-profit long-term open-ended extensible project for urban, suburban, and rural renovation and recovery – under UCAREMS	X X	Building on Silicon Dominion's Open Net, Open Stream, vMessaging, and ePresents products), this addresses Millennium-Gen, global-culture telepresence social-network and social-gathering incl. mobile apps, videoconferencing, webinars, & more (via PC, tablet, smartphones).
http://uscc.ucarems.org (United States CARE Corps) http://usars.nomadeyes.com/CCC (portal for UCAREMS) http://reliefcenter.tetradyn.net (older prototype) (see also related http://uscc.tetradyn.com)	X X X X	Related closely to UCAREMS functionally, operationally, in terms of purpose, tools, people. The USCC can be a practical, real-world, disciplined, engineering-plus-dedicated-labor force for restoration and change and Stability. It ties in with the "PLANTER" project (see above) for jobs creation, for all types of skilled workers, close in many ways to 1930's "CCC", "WPA".
For-Profit business-focus, principally		
TetraDyn and its Group (8 spin-out companies)		
http://tetradyn.com The Primary Company, TetraDyn Ltd. [A for-profit parent/holding company with branches and spin-outs into eight (8) distinct small businesses] Applying COTS science into real-world devices, products, systems ("hard" and "soft" wares). Focus: E2HS (Energy, Environment, Health, Security) and within that CBRIS (Chem-Bio-Radiation-CyberInfoSecurity)	X X X X X	Most everything is either phase-3 or beyond, Technical Readiness Level 4 or 5 or higher, already commercialized, proven but on small scale, needing modest capital to expand, market. [CyberMOD (focus: BioTetrad), CyberPOD (focus: EcoPOD), CUBIT (focus: apps w BioTetrad and CRAIDO-POD), ESX (software apps), ELS (consumer E2HS type products), THERA (focus: energy, engines, vehicles), Kerberos iBank (focus: cybersec & data haven), ANKI (focus: space tech)]
http://we.tetradyn.com (new site: http://esx.tetradyn.com) Part of TetraDyn's broad product suite, the software engines/apps, making up the ESX company (see ESEP)	X	WE – MyStory – Mistori – a truly new next-generation of social gathering media tools focused upon enabling people to create scripts and stories with photos and other media and to easily and securely share with select groups of friends and acquaintances.
http://copper.tetradyn.com Part of the ESX company (see ESEP)	X X X	Critical Operations Preparedness and Procedures for Economic Resilience (also/earlier: Emergency Response)
http://cubit.tetradyn.com (also http://h1n1.tetradyn.com and http://chips.tetradyn.net as variants on public health and esp. H1N1, pandemics) The CUBIT company (see ESEP)	X X X	CUBIT and CRAIDO – public health, social sustainability during pandemics or WMD attacks, social resilience, energy/food/water management. Making use esp. of BioTetrad CyberMOD and CRAIDO CyberPOD.
http://meetnjoin.com , http://healthvest.com ,	X	Adaptations of the basic core TETRADYN

http://bashnblast.com Part of the ESX company (see ESEP)		ESX algorithm technology (BNB, CoAD, CoPAD, GDP) for mainly social and health applications
http://nomadeyes.tetradyn.com (new site: http://cybermod.tetradyn.com) (formerly "NomadEyes" by itself, this is part of the CyberMOD company - see ESEP)	X X	One special dimension for security and medical apps of a TETRADYN technology that grew out of the maths and physics used in both high-energy particle accelerators, nuclear weapons, and medical imaging (e.g., ultrasound, IMRT & MRI). Current focus on the BioTetrad CyberMOD (X Prize projects).
http://podlab.tetradyn.com (new site: http://cyberpod.tetradyn.com) CyberPOD company (formerly EcOasis Pods and Podlabs) – see ESEP	X X X	EcoPOD, EcOasis Pod, PodLab, CRAIDO and all of that for both standard analysis/testing, and for acute & chronic emergencies (environment, water, health, communications, energy infrastructures)
THERA, ANKI, ELS, Kerberos iBank companies – the other spin-outs from TetraDyn		Currently all described in papers, presentations and websites for TetraDyn itself, the parent company – these are partially developed but await modest funding to resume moving forward in earnest.
ELS http://els.tetradyn.com		BioProt Kits, ECLEAR Packs, EcOasis Tools, LifePro Instruments
Kerberos iBank http://ibank.tetradyn.com		Distributed, bot-protected, meta-encryption-enabled transnational Data Haven
THERA http://thera.tetradyn.com		Hybrid hydrogen fuel-cell power systems with innovative in-frame design for vehicles and structures
ANKI http://anki.tetradyn.com		Primarily the commercial development and implementation of HALO, MOSES, ASTRIC, ECCOS
http://tetradyngroup.tetradyn.com (new (future) site: http://esep.ecoaduna.org) This is the prototype and early-start of ESEP – EcoSymbio Economics Park (not just a "business park" in the traditional sense) Companies can include agri-business, biomed-tech, computing/IT, civil engineering, space, energy, analytical instruments, environment, education, electronics, robotics, security-tech, and services for those tenant-resident firms	X	Creative business park comprising incubator level through mature companies, organized more as a "portfolio" than merely a collection of firms. Ready to jumpstart, focused on community enabling and involvement as well, incl. opps for students from HS through post-grad. TETRADYN and its eight (8) spin-outs will be one of the components – using both traditional and radically novel models getting past the now-becoming-inappropriate startup investment models.
Martin's CV and supportive documents		For your information
http://martinjd.tetradyn.com or http://martin.instinnovstudy.org		Martin's CV and various "subset" resume versions, along with references, auxiliary supportive documents, and commendations.
Experiments, Trials, Semi-DORMANT, or awaiting-starts – files available upon request - most not accessible presently but if the topics interest you, papers can be provided		These projects are now (2012) folded-into and blended into the scope of the ECOADUNA Foundation and its main components (branches)

http://academy.instinnovstudy.org/arcs-armstrong-hs-project and the newer http://arcs.tetradyn.com (concepts and plans folded-into Loudoun, Fauquier and Front Royal developments)	X X	Past experiment - almost-materialized project to turn an abandoned 150,000 sq. ft. high school into community center of excellence here in Richmond – it would be wonderful to use this facility or do it elsewhere (e.g., Front Royal)
http://heartpath.instinnovstudy.org	X X	Foundation intended to be funded by \$ from my late sister's estate.
http://hmv.tetradyn.com (fits under ESX company)	X X	Prototype of HealthNVest, a healthcare and personal finance focused system/product for helping people to better plan for future health expenses and to do proactive wellness and disease-management education in the process (focus on engaging banks, insurers, providers)
http://andalusia.tetradyn.com (new site: http://andalusia.ecoaduna.org) (project within ECOADUNA Foundation; fits under The Academy)	X X	Social program contemplated to be both onsite and online for creating eco-constructive socioeconomic bridges and communications between cultures esp. among Jewish, Christian, and Muslim peoples.
http://museo.ecoaduna.org (fits under The Academy)	X X	Not yet started – an interactive, online+onsite Museum for learning and doing, linked with the Fab-Lab, ArsBio, and other activities of ECOADUNA Foundation and its subordinate/offshoot entities
http://capital9.tetradyn.com	X	Experimental approach, not developed further yet, for a different consumer/civilian-oriented method of lending, credit, banking.
http://usars.nomadeyes.com UCAREMS Web Portal	X X	UCAREMS portal (this will be moved after 4.Aug.2012)
Elements that can feed into primarily the For-Profit Businesses		
http://bealive.nomadeyes.com (will be moved to another site after 3.Aug.12)	X	Be Alive – focus on eco-sensitive healthy lifestyles and products/practices that support this – food, fashion, exercise, meditation
Black Sable, Blue Fox, Equalizers, Expert Witness, Green Dragon, Grey Wolf, Palais Vitale, Red Tiger	X	Experimental business and social activity projects that were done or could be done, all in the general service of healthier, sounder living, homes, finances, personal safety
http://shumeru.tetradyn.net	X	SHUMERU and Z-World – now part of ESX (see TetraDyn and ESX)
http://whiteox.tetradyn.com WHITE OX Construction and Renovation Services	X	A background-business-activity intended to generate cash-flow by making use of TetraDyn key staff and their skills in home/office construction, renovation, rehab, repair