



2020 Initiatives Proposal Form

Thank you for your interest in submitting a proposal to the 2020 Initiatives process.

Please complete this form, save it to your hard drive, and then email a copy to: 2020@stockton.edu. Please copy your Dean/Director on the email. You will then be contacted by the appropriate 2020 Initiative Team representative/LEGS facilitators.

Proposals will be evaluated based on general criteria including the following:

- University-wide impact
- Clearly addressing one of the four LEGS themes from the 2020 strategic plan
- Specific budget details provided
- Realistic outcomes identified
- Assessment measures specified

Please consider the following questions as helpful prompts:

University-wide Objective(s)

- Does your proposal clearly address an issue relevant to your selected “primary strategic (LEGS) theme”?
- What specifically do you wish to accomplish with your project?
- How will Stockton, as a whole, benefit?

Expected Results

- How will you know if your project is a success?
- What are your anticipated outcomes and specific measurements for success?
- Does your proposal clearly indicate the person(s) or department(s) that will assume responsibility for the various work tasks?
- What is your project's "finish line"?

General Application Information	
Your Name	
Your Email	
Title of Project	
Project Leader	
LEGS Initiative Team Coach	
Project Partner(s)	
Duration / Time Frame of Project	

Proposal Category (choose one: one-time or ongoing)			
One-Time Event or Activity		Ongoing Event or Activity	
(A) \$5,000 or less		(C) \$5,000 or less	
(B) More than \$5,000		(D) More than \$5,000	

Strategic Theme (choose one)	
	Learning
	Engagement
	Global Perspectives
	Sustainability

Strategic Objectives: choose one primary (P) in main theme and up to three secondary (S) In any themes

Learning	
Deliver high value-added learning experiences and promote scholarly activity (S1)	Reward scholarly applications (ER2)
Promote liberal arts ideal to develop lifelong learners (S2)	Establish additional revenue sources (RS1-L)
Strengthen internal processes to support learning (IP1-L)	Reduce expenses (RS2-L)
Develop faculty and staff skills to support learning (ER1-L)	Align resources to support strategic plan (RS3-L)

Engagement	
Establish Stockton as an integral part of the identity of students, faculty, staff, alumni, and community members (S3)	Foster an interactive environment among students, faculty, staff, and community (ER3)
Prepare students for active citizenship role (S4)	Increase opportunities for interactions between internal and external communities (ER4)
Create mutually reinforcing intellectual and co-curricular experiences (S5)	Establish additional revenue sources (RS1-E)
Strengthen internal processes to support engagement (IP1-E)	Reduce expenses (RS2-E)
Develop faculty and staff skills to support engagement (ER1-E)	Align resources to support the strategic plan (RS3-E)

Global Perspectives	
Develop a globally diverse Stockton community (S6)	Strengthen opportunities for global interaction among members of the Stockton community (ER5)
Enhance capacity to participate globally (S7)	Establish additional revenue sources (RS1-G)
Strengthen internal processes to support global education (IP1-G)	Reduce expenses (RS2-G)
Integrate global program efforts among multiple units of the university (IP2)	Align resources to support the strategic plan (RS3-G)
Develop faculty and staff skills to support global education (ER1-G)	

Sustainability	
Increase sustainable infrastructure (S8)	Develop and implement sustainability programs (IP5)
Enhance sustainability education and research (S9)	Develop faculty and staff skills to support sustainability (ER1-S)
Increase recognition as a model of sustainability (S10)	Reward sustainable practices (ER6)
Partner to promote global sustainability (S11)	Establish additional revenue sources (RS1-S)
Strengthen internal process to support sustainability (IP1-S)	Reduce expenses (RS2-S)
Prioritize sustainability in plan operations and residential life (IP3)	Align resources to support the strategic plan (RS3-S)
Promote sustainability across the curriculum (IP4)	Seek efficiencies through sustainable practices (RS4)

The tables below allow for summaries of about 350 words. Additional information can be included as an attachment.

Narrative Summary of Project

Assessment Plan: What are your anticipated outcomes and specific measurements for success?

Budget Summary					
	Item	FY2017 July 1, 2016 – June 30, 2017	FY2018 July 1, 2017 – June 30, 2018	FY2019 July 1, 2018 – June 30, 2019	Notes/Comments (stipends, supplies, hospitality, etc.)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
	Total				

First-Year Funding Questions		
Will you need funds for <u>immediate</u> use to begin your project?	Yes	No
If so, how much?		
Date when funds will be needed		

CC: Dean/Director

2020 Proposal 22 November 2017 Attachment to Electric Vehicle Charging Stations proposal
(Sustainability)

Narrative summary FURTHER DISCUSSION

(The Division of Facilities & Operations is asking for \$39,678.00 to install eight (8) Level 2 Electric Vehicle (EV) Charging Stations in Parking Lot 6 with future infrastructure to install an additional four (4) stations.

The entire campus will benefit from this project. By providing a clear and obvious effort to maintain advanced technologies in the field of sustainability and energy conservation, Stockton University will take advantage of this project's prominent position, logistically as well as intrinsically, in the recruitment of future students. Existing, as well as future, curriculum will utilize this project for measuring and verifying usage and environmental impact.

Stockton University quantifies Greenhouse Gas Emissions according to protocols developed by the American College and University Presidents Climate Commitment. The inventory reveals that commuting contributes a high proportion of our emissions, most recently (FY 2015) 36% of the University's overall climate impact.

Stockton presently has 56 charging stations at various locations. Some of these are restricted to fleet use. All are Level 1 (slow) charging stations, a type originally designed for residential use. The new EV charging stations will be Level 2, which will typically decrease the charging time by 1/2.)

The purpose of this project is to increase EV usage by installing six Level 2 (fast) stations during the reconstruction of Parking Lot 6 and two Level 2 stations in the pay lot next to Building 35, for a total of **eight new Level 2 charging stations**. Project is designed to accommodate four additional **future** stations with minimal additional disruption.

The charging stations will be installed with electric meters which can be remotely monitored to verify exact power usage and provide verification of actual usage.

This benefits EV drivers by increasing their travel range and reducing their commuting cost. The new fast EV charging stations will be in highly desirable parking lot locations. Although conceived as a "workplace charging" program, these stations will be available to students and community guests on campus, as well as employees. Charging station parking spaces will be marked "For Use by Electric Vehicles Only" and campus parking regulations will be updated to allow enforcement of this policy.

There will be two ancillary benefits to this project. 1) A new "**blue light**" **safety phone** will be installed in Lot 6. 2) **Parking lot lighting will be upgraded** to LED lamps at six poles. This change will save ~715 KWH annually. Lifetime of LED lamps is ~four times longer than the old lamps, reducing disposal volume and maintenance time.

This project will

- support Stockton University enrollment management efforts by supplying an incentive to EV owning prospective students. Parents have asked about this.
- encourage the purchase of electric vehicles, an important emerging energy efficiency technology in New Jersey.
- create an added visual expression of Stockton University's commitment to energy efficiency and reduced climate impact.

An educational program pertaining to EVs will be developed by a student worker employed by the Office of Facilities and Construction.

Budget Summary Discussion

Procurement note: TurboDock EV charging stations were selected because they are "stand alone" units that can be access controlled by Bluetooth without the need for further communications wiring. This also makes assessment of use easier. The success of this system will be measured by the number of users who will register to use the eight new level 2 stations. The rest are restricted to fleet use, and will be monitored separately.

Budget:

Charging stations have been supported by the State of New Jersey Department of Environmental Protection (Bureau of Mobile Sources) DRIVE GREEN New Jersey "It Pay\$ to Plug In" Workplace Charging Grants program at the level of **\$5,000 per Level 2 charging station**. Stockton University has been encouraged to apply for this grant by the Board of Public Utilities.

Stockton University will apply for the Workplace Charging Grant and use any awarded funds during FY 2019 to further increase the number of Level 2 charging stations on campus.

The Office of Facilities and Construction has already spent \$6,000 on infrastructure improvements to support EV Level 2 charging.