



A Cooperative
ROADMAP
Addendum 1

Table of Contents



- 1 | What About Coal
- 2-3 | New Uses for Waste
- 4-5 | Bio-fuels
- 6-7 | NXS's Game-plan
- 8-9 | New Products
- 10 | Implementation



What About Coal



Under selective cooperative agreements between Nano X Solar, hereafter referred to throughout this Addendum 1 as NXS, we will work as a Partner to accomplish three primary initiatives:

Assist in the creation and execution of innovative and proven methodologies to utilize Coal Ash as an ingredient in both new and existing products.

Assist in the creation of alternative uses for raw coal itself as a non-fuel ingredient and/or as a base ingredient for new and/or existing products.

To form mutually beneficial cooperative partnerships to enhance our collective ability to utilize coal and coal ash as byproducts for other industry and manufacturing applications.

The EPA has created FAQ's (frequently asked questions) with answers to outline how beneficial uses of coal ash can be implemented under the final CCR Disposal Rule and the link to this information is as follows:

<https://www.epa.gov/coalash/frequent-questions-about-beneficial-use-coal-ash>

The EPA has also clearly defined this final CCR Disposal Rule as follows:

<https://www.epa.gov/coalash/coal-ash-rule>

NXS will actively participate with our cooperative partners to develop and then implement viable solutions for utilizing coal in alternative methods and to use coal ash as a byproduct ingredient in a diversity of applications.

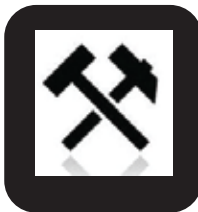
New Uses for Waste



Sustainable uses for coal ash and coal “fly” ash are being developed by global leaders in the Coal industry and in related industries who use coal, in various forms, in their product manufacturing or as a fuel source. One such article can be read here:

https://www.researchgate.net/publication/49593977_Use_of_coal_fly_ash_as_a_catalyst_in_the_production_of_biodiesel

NXS seeks to benefit our cooperative partners in the following ways:



Create logistical solutions to recover, transport and utilize coal ash in various forms, directly and indirectly through additional cooperative partnerships.



Facilitate the management of those logistical solutions.



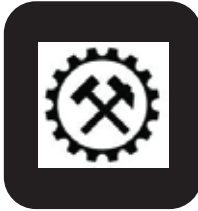
Create and manage an in-house Team dedicated to the development of coal and coal ash alternative uses and applications as ingredients into other products new and existing.



Assisted establishment of one or more strategically located facilities to convert coal and/or coal ash into specific product(s) for ongoing production.



Recruit interest from new entities to build cooperative partnerships on all levels of the processes necessary to turn waste into useful products.



Work as a Leader in innovative use initiatives for coal and coal ash.

New Uses for Waste



In order to be highly effective as a cooperative partner with Coal Mining Operations and others connected to this process NXS will form a relationship with a single Strategic Partner who will allow NXS the creative authority to determine the most profitable pathways to coal and coal ash utilization.

Our Team will also seek to merge mutually beneficial technologies in the areas of:

Renewable Energy

Biofuels

Industrial Chemicals

Manufactured Products

...to ensure that every option is identified and considered. NXS's goal is to assist multiple entities as a cooperative partner to address the opportunities available and then to make those opportunities a reality.

NXS should be considered a "bridge in-between" coal mining operations and industry leaders who have a use for raw coal and coal ash. Our intent is to bridge gaps with real solutions where we assist in providing a road map to fulfillment.



The US EIA (i.e. US Energy Information Administration) defines bio-fuels and you should read the information at this link:

<https://www.eia.gov/energyexplained/biofuels/biodiesel.php>

NXS has studied the uses of coal, coal ash and coal “fly” ash to map out how this can be used for bio-fuel production and this article defines the process most effectively:

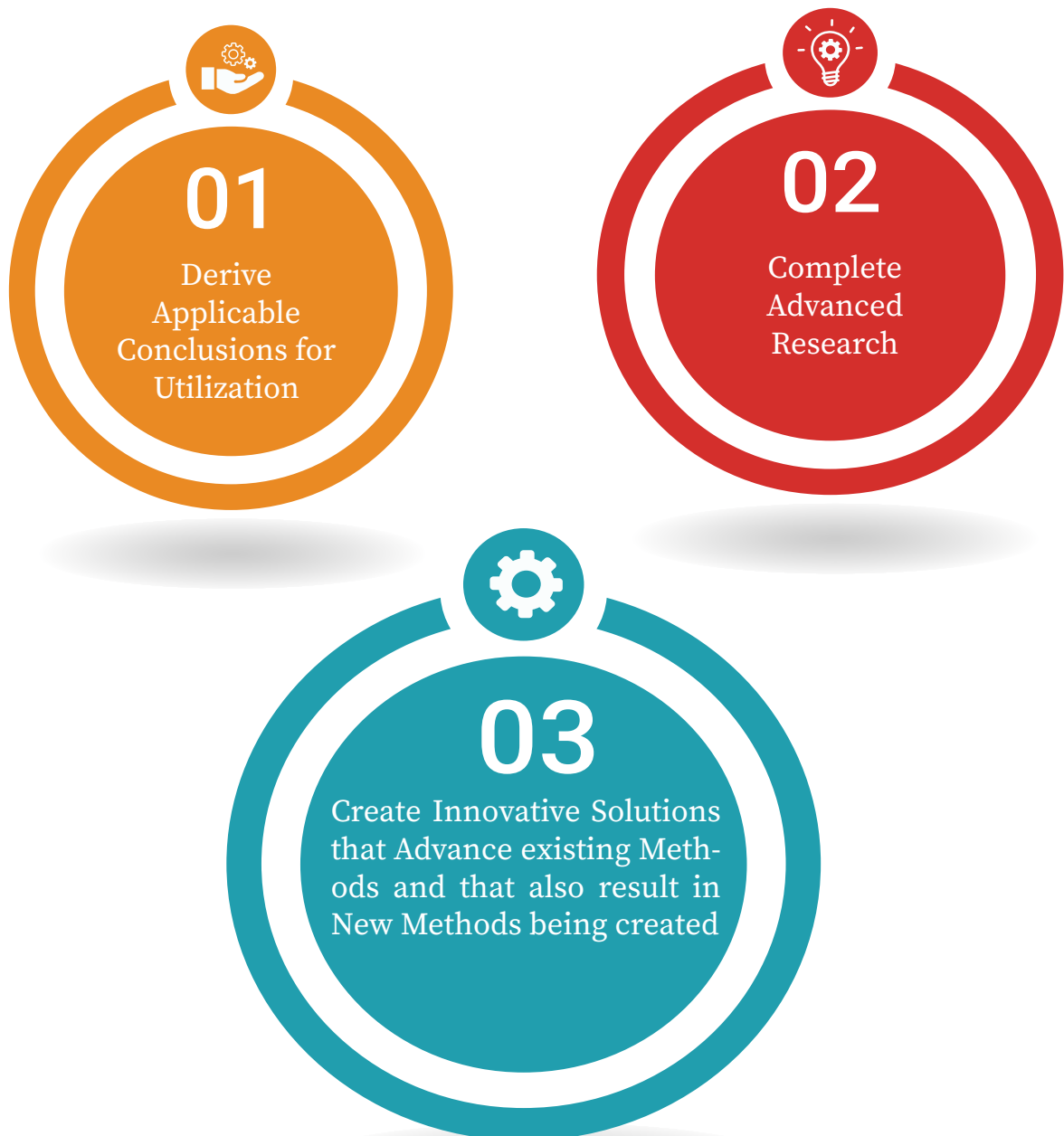
<https://www.intechopen.com/books/renewable-energy-resources-challenges-and-applications/solid-green-biodiesel-catalysts-derived-from-coal-fly-ash>



Through our in-house research and the contractual and full time employment of chemists in the NXS solar labs as subsidiaries NXS is confident that we can be highly effective as a cooperative partner to implement existing strategies as well as create new ones.



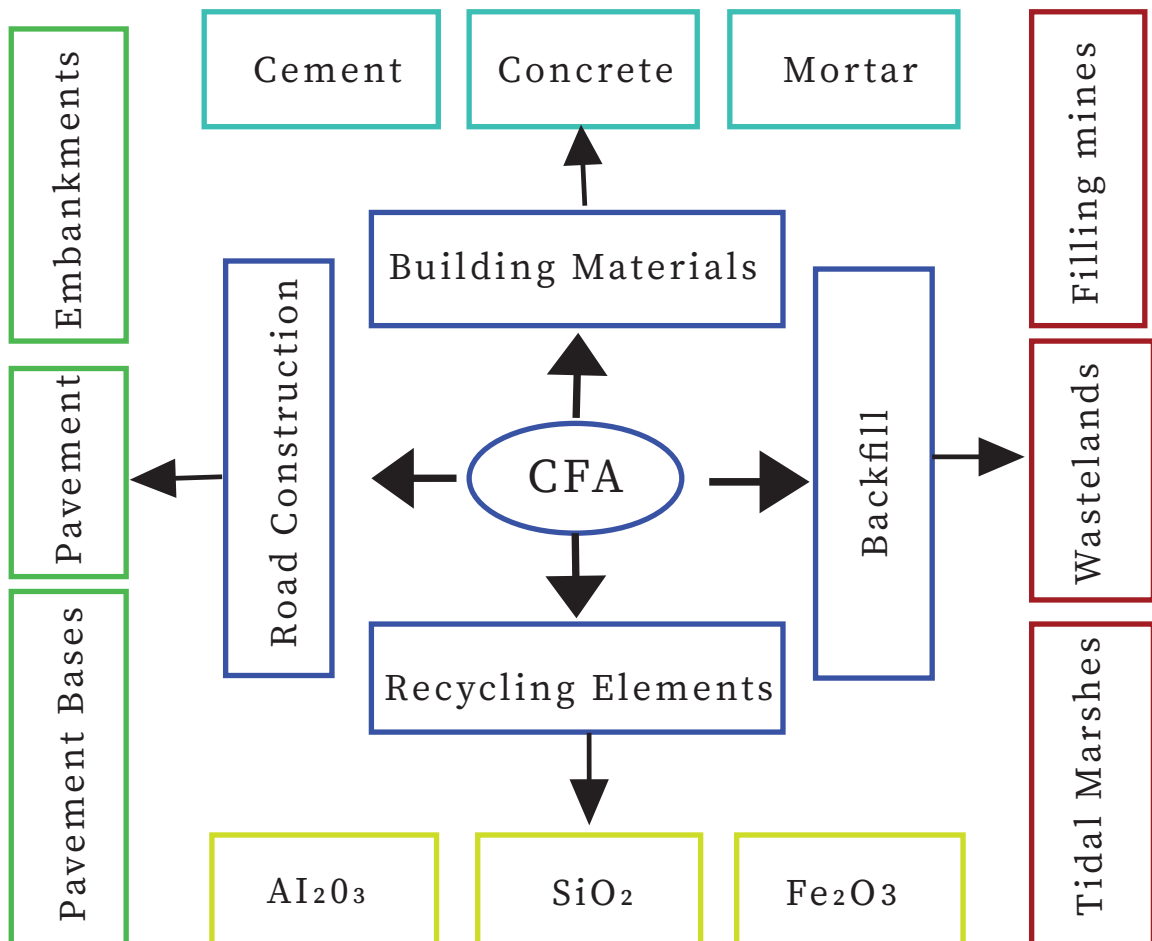
NXS solar recognizes that innovation is lead by those who take a look at things from a different or even new perspective. Our CBDT (core business development team) specializes in this and follows a systematic approach outlined in the model below.



NXS's Game-plan



NXS will work as a “bridge” in-between Coal Mines, Industry Leaders, Scientists and Chemists and New Product Developers to assist in the creation of new solutions, the expansion of existing solutions and the advancement of innovations. This work has already begun and NXS is ready to start the process of formally engaging businesses and groups in cooperative agreements that are mutually beneficial. Below is a model that outlines our initial focus areas specifically related to coal, coal ash and coal “fly” ash.



NXS's Game-plan



The revenue generated and the cooperatives created will empower NXS to following the “Cooperative Roadmap” as indicated in the original presentation that this addendum 1 flows off of.

The IP (intellectual property) currently held by NXS, as well as that being created throughout our own natural evolution, will be accessible to our cooperative partners so that our intention to always be mutually beneficial is assured.

A we rollout our initiatives and game-plan NXS will work with our cooperative partners to secure:



State and Federal level approvals.



State and Federal level concessions, incentives, economic development support.



Capital for the expansion of NXS's own initiatives.



New Development and Infrastructure in economically depressed areas.



The Sale of and Conversion of different types of REC's (renewable energy certificates).



Advancing the REC (renewable energy certificate) Marketplace and its Evolution.



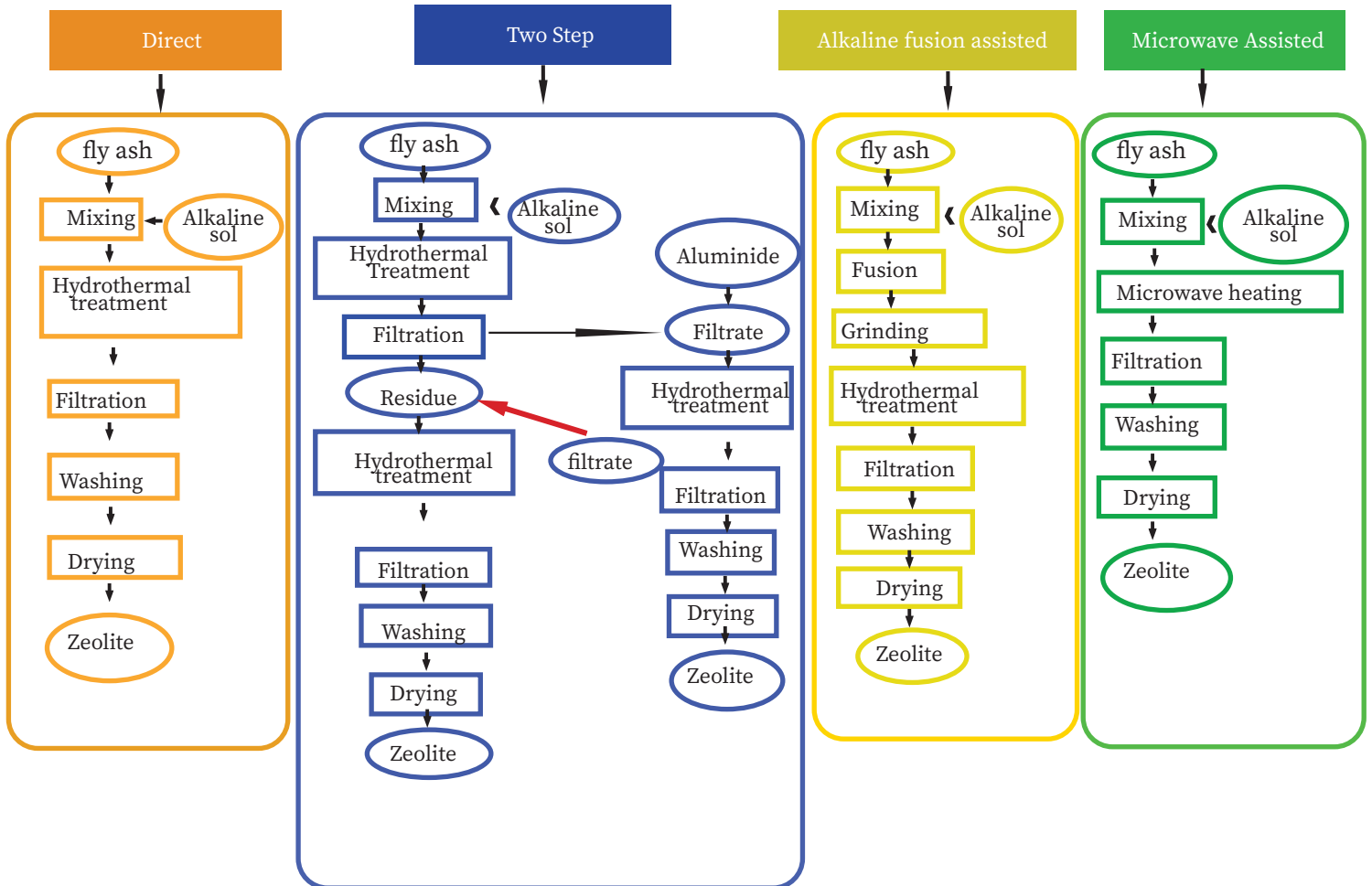
New Products



NXS understands the science of using coal, coal ash and coal “fly” ash and we believe that our work, along with the contributions of our cooperative partners, can help us collectively accomplish the following:

- Existing Produce Advancements.
- New Product Development.
- New Chemical Applications.
- New and Existing Bio-fuel Advancements.
- Innovative Discoveries.

Synthetic methods





Transparently NXS's primary business is directly related to solar farm construction and management as well as solar panel manufacturing so we have an invested interest in advancing and creating new renewable energy resources. Part of this includes the development and implementation of waste management and recycling. Working with the Coal Mining and Coal Burning for Energy industries NXS is able to advance our own interests domestically and globally.

Coal From Ground



Coal From Energy



Coal ash into Products



Renewable Energy Expansion



Implementation



This addendum 1 is a “jumping off point” to NXS’s intentional efforts to secure initial cooperative partnerships for the execution of our game-plan outlined herein. We look forward to the opportunity to expand upon this addendum and clearly define how we would like to work with you personally shoeing selected you to receive this short presentation.



Upon your interests NXS will create a “Cooperative Partnership Agreement” that will detail what we propose. This document will be custom written and designed for each new cooperative partner individually.



Each agreement will also be designed to evolve through addendum(s) being added so that the core content does not need to be changed throughout the natural evolution of our relationship. NXS’s CDBT (core business development team) would like to schedule a virtual and/or in-person meeting to discuss our intimately personal proposal so please reach out to us anytime with your formal interests.

Sincerely,

Nano X Solar (NXS)

P: 833-277-6527 | E: info@nanoxsolar.com | W: www.nanoxsolar.com