

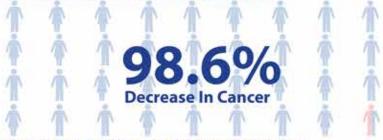


Galen Wong Marketing Design

Galenwong.com 510.381.1687



200 Million people drink arsenic contaminated water



Out of 200 million, 36 million will develop a cancer of some form. After our water treatment, we will reduce the cancer incidents by 98.6%.

200 million historically marginalized people around the world are being poisoned by toxic levels of naturally occurring arsenic inthe groundwater they depend on for drinking. Chronic arsenic poisoning has no cure. Its effects include debilitating disabilities,

Arsenic poisoning disproportionately affects vulnerable populations in poor rural areas, including women, children, and the most socioeconomically disadvantaged.

- bed individuals the truly poor -- tend to develop earlier and more severe symptoms of arsenicosis than their more
- ic exposure reduces children's cognitive development and intellectual functioning. symptoms of arsenic poisoning often suffer extreme stigmatization and social exclusion, such as young married ndia being returned to their parents.

nd mass arsenic poisoning via safe drinking water

If this mass poisoning by scaling an effective arsenic-removal technology with a solid business model. We have and successfully piloted ECAR (ElectroChemical Arsenic Remediation) to provide poor rural communities with safe, able drinking water. ECAR works under even the harshest conditions and purifies water locally. It generates sufficient nue for ongoing operation and sustainable expansion while improving communities' health and standard of living.

novators in engineering and social science at the water-energy nexus, our team is driven by a shared passion to alleviate everty and human suffering. Team leader Dr. Ashok Gadgil is a well-known inventor and the Distinguished Chair Professor of afe Water and Sanitation at UC Berkeley. Jadavpur University, based in India, will provide crucial expertise on social placement. that will help gain acceptance and integrate ECAR in a culturally appropriate manner. Our industry partners, who will help with implementation, have extensive experience building and operating distributed, community-scale water delivery systems in rural India. The core team has worked together for more than six years building and operating ECAR, which now serves more than 5,000 people in West Bengal.

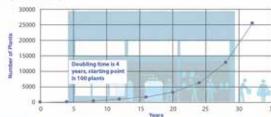
Our team: UC Berkeley (lead), Jadavpur University, Livpure, Sarvajal, and WaterLife







With a \$10 million investment, we can install and operate 100 ECAR plants to provide safe, affordable drinking water to \$00,000. people within three years, starting in South Asia where the problem is most acute. Our focus on community awareness, consistent usage, monitoring, and timely maintenance will establish the self-sustaining infrastructure to permanently eliminate water-based amenic possining in these 100 communities. As we scale up, our operations will achieve the financial viability and community enthusiasm needed to cross the adoption tipping point to end what the World Health Organization has called 'the largest mass.



The Time to Now

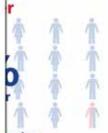
For the first time in 25 years, we have a proven, rapidly scalable technology to address arsenic poisoning from groundwater. Demonstrating the durability, effectiveness, and financial viability of 100 new ECAR plants will unlock further resources for growth. These include potential funding from the pool of IMR 8 billion (- USO \$120M) released by the Indian Central Government in 2016 to the affected States for community-scale remediation. of arsenic and fluoride from drinking water. in the absence of a demonstrated solution, these funds have remained mostly untapped. Access to this capital, as well as the inflow from corporate social-responsibility funds required in India, will and improving ECAR plants in the most affected regions once the success of the first 100 plants has been demonstrated. Ultimately, ECAR's built-in mechanism for financial sustainability will attract public and private investments to construct the additional 40,000 plants needed to serve the 200. million people worldwide living in commi currently suffering from arsenic poisoning



Schoolchildren in West Bengal collecting water from an BCAR plant. Over 3,000 students and uchool staff have been served since 2016. During scale up, we will prioritize installing plants on or near school computers"

Contact Us Email: algadgil a borkeley .edu - Phona:1-510-486-4651 - Website: arsenicfreewater.lbl.gov

Water



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ECAR Proposal

This is a proposal for the Electro-Chemical Arsenic Remediation (ECAR) program.

The purpose of the proposal is to illustrate the massive impact of reducing cancer caused by drinking water contaminated with arsenic by 98.6%.

Illustrations done in Illustrator and layout in InDesign.

Infographic

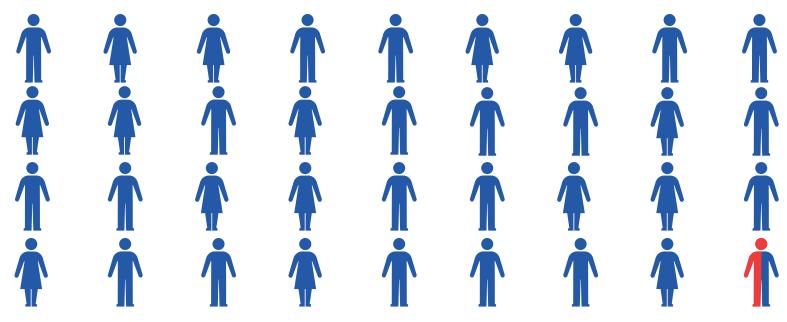
The infographic was designed as an illustration to inform and intrigue.

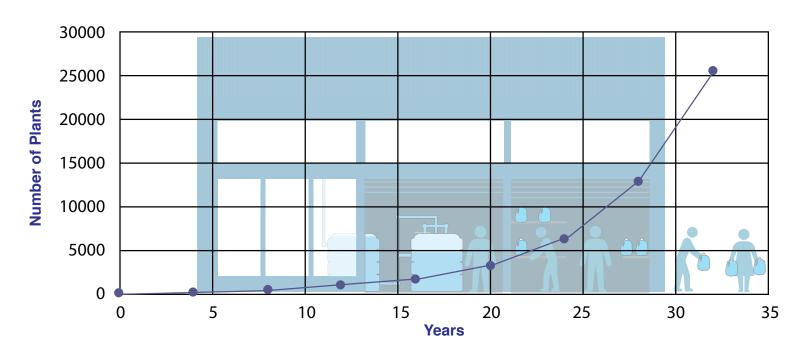
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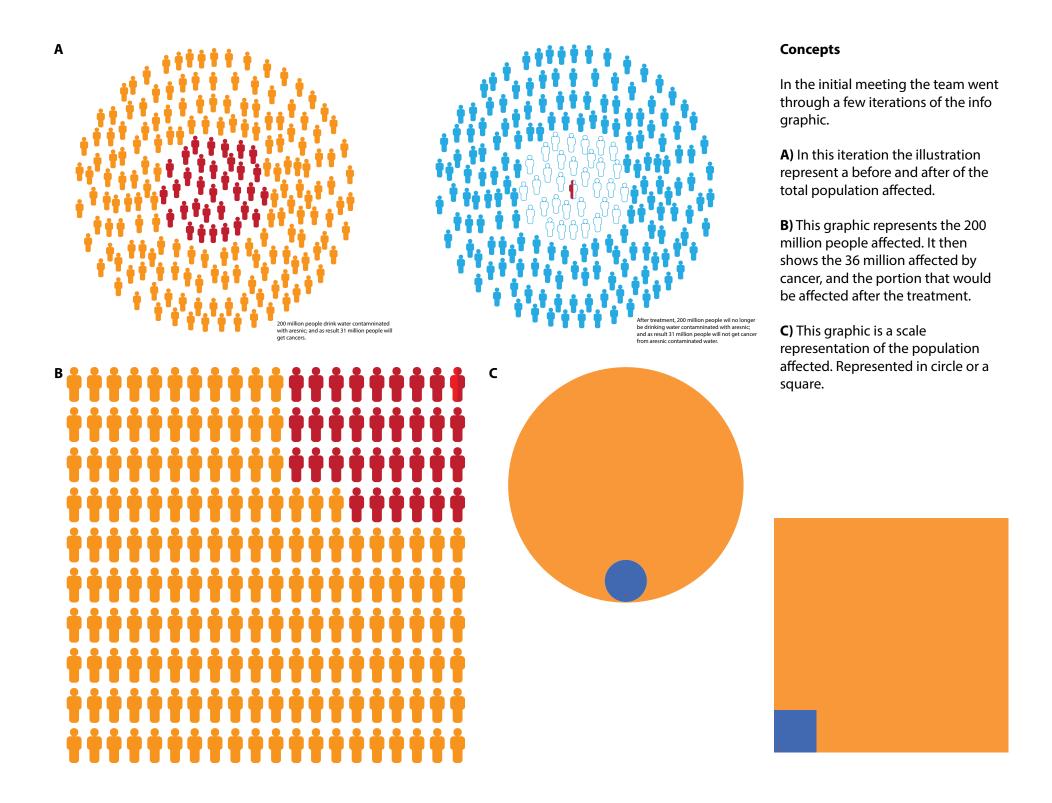
This graphic has 36 figures, each one represents 1 million people. This infographic represents the 35.5 million people who would not get cancer from drinking water contaminated with arsenic, who would have otherwise developed cancer.

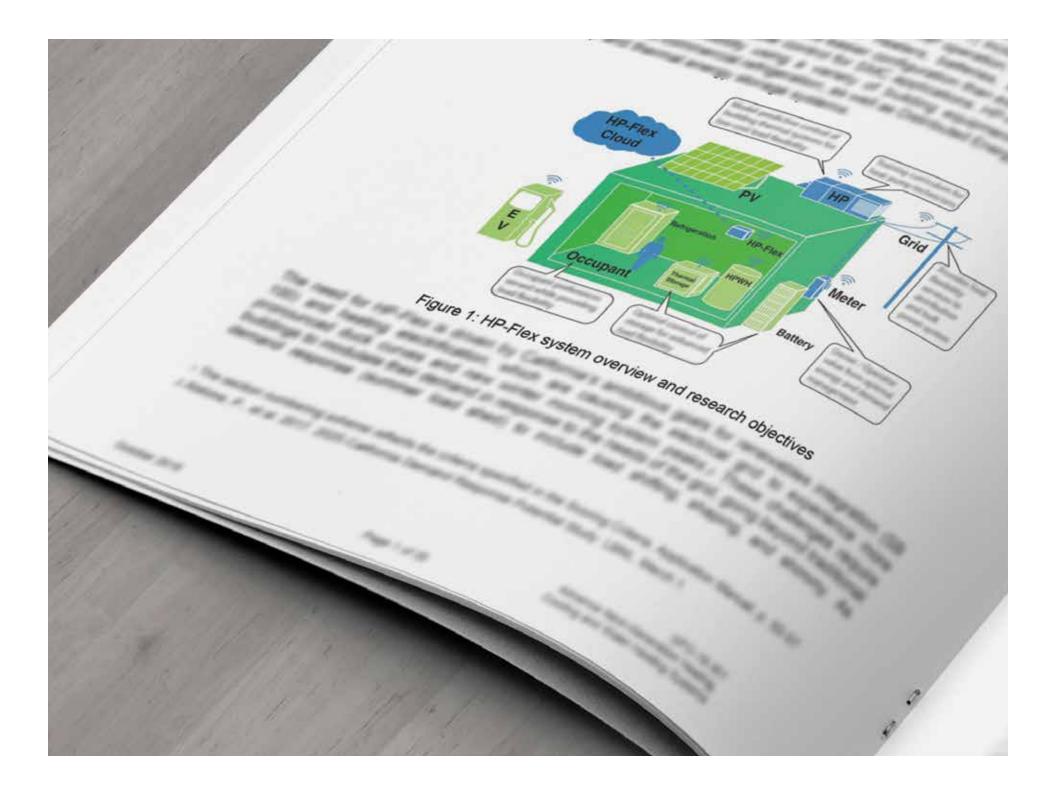
Below:

The graph below represents the rate of growth of production plants through out the years. The illustration behind it, is a simplified explanation of how the plants operate.



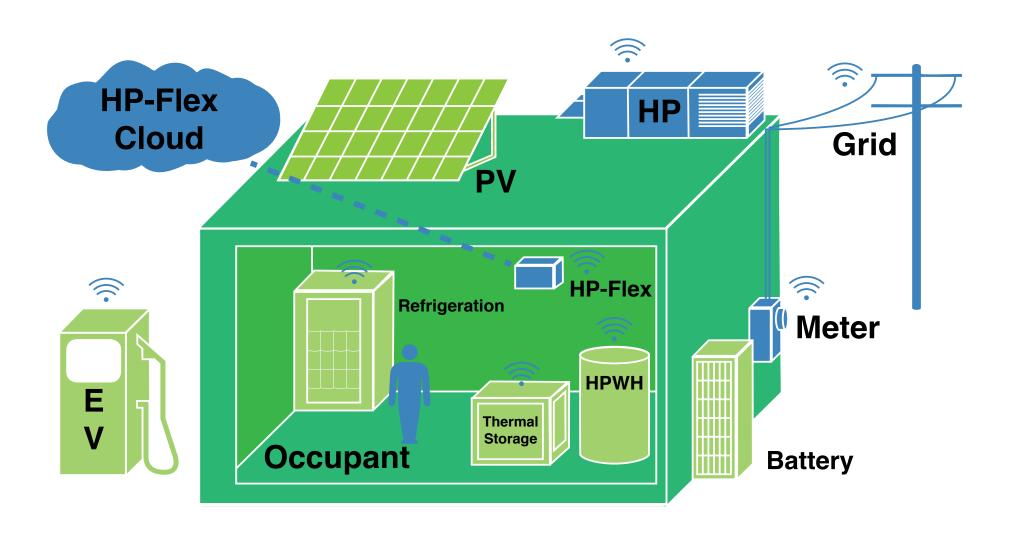


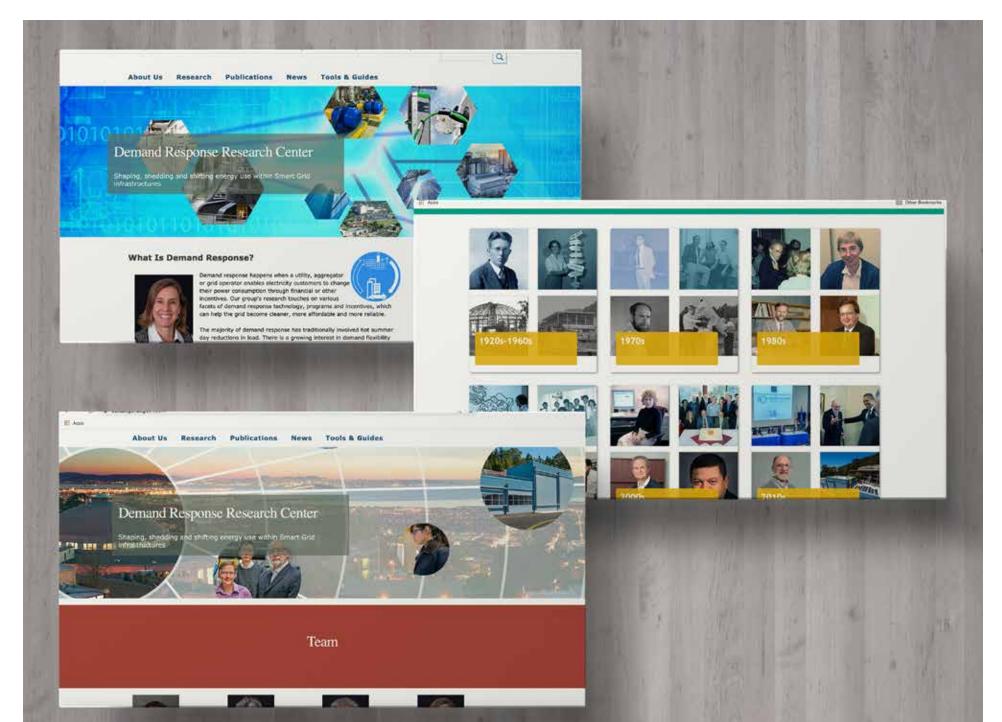




Diagram

This illustration was done for a proposal. The elements in this diagram are color coded. The components that are connected together are illustrated in the same color. Differentiating their functionality together, apart from the whole.



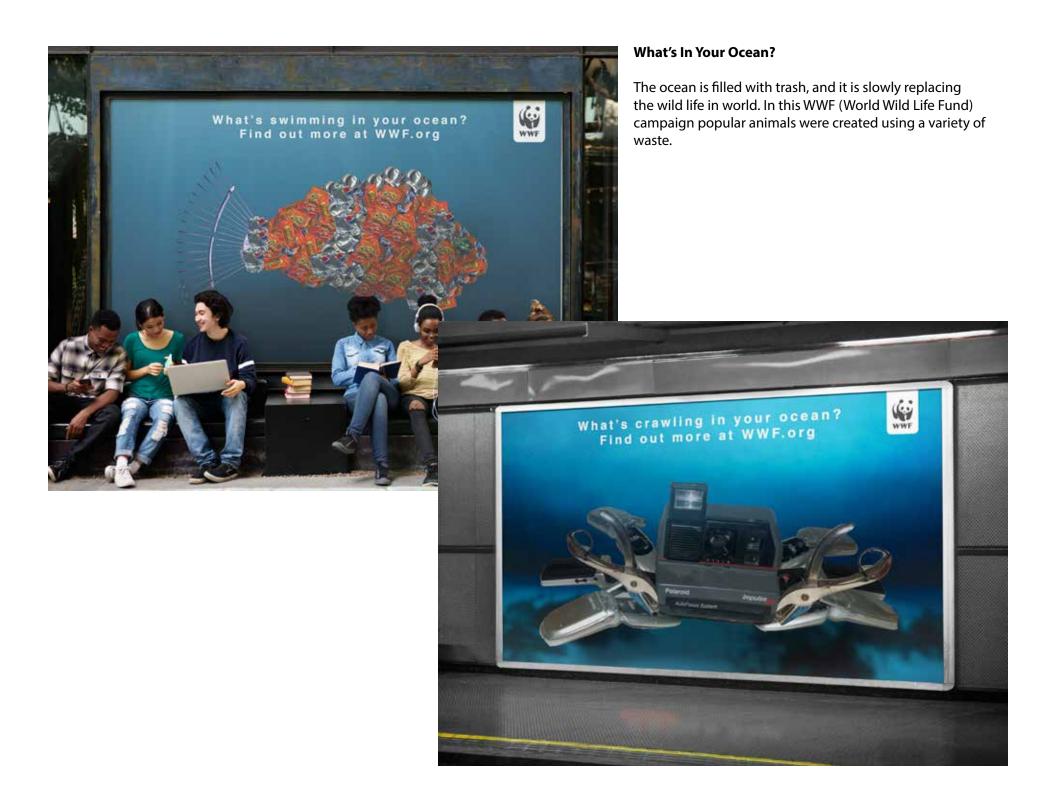




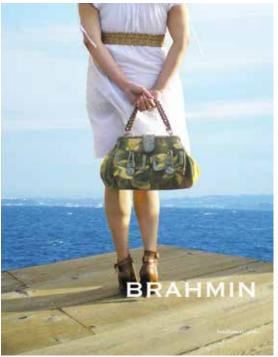
Group Web Sites

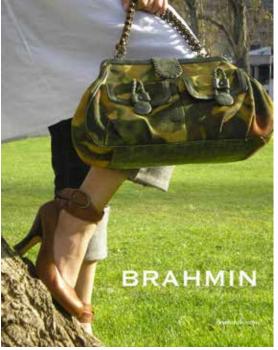
Lawrence Berkeley Laboratory has many research groups focused in a variety of fields. Each image illustrates the subject of the page it goes to.

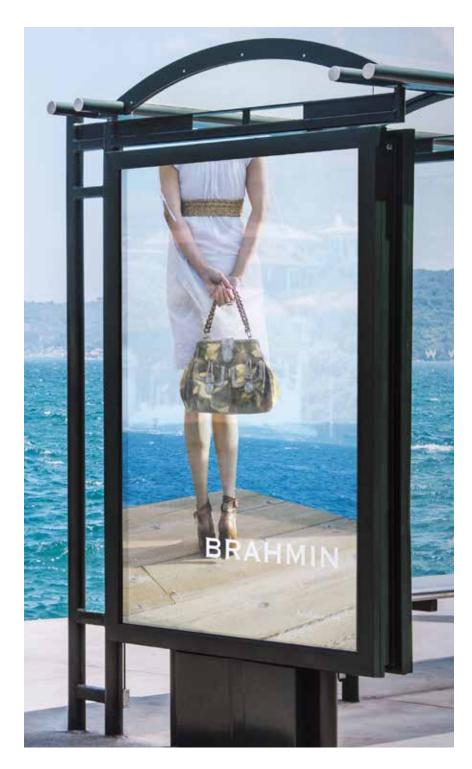








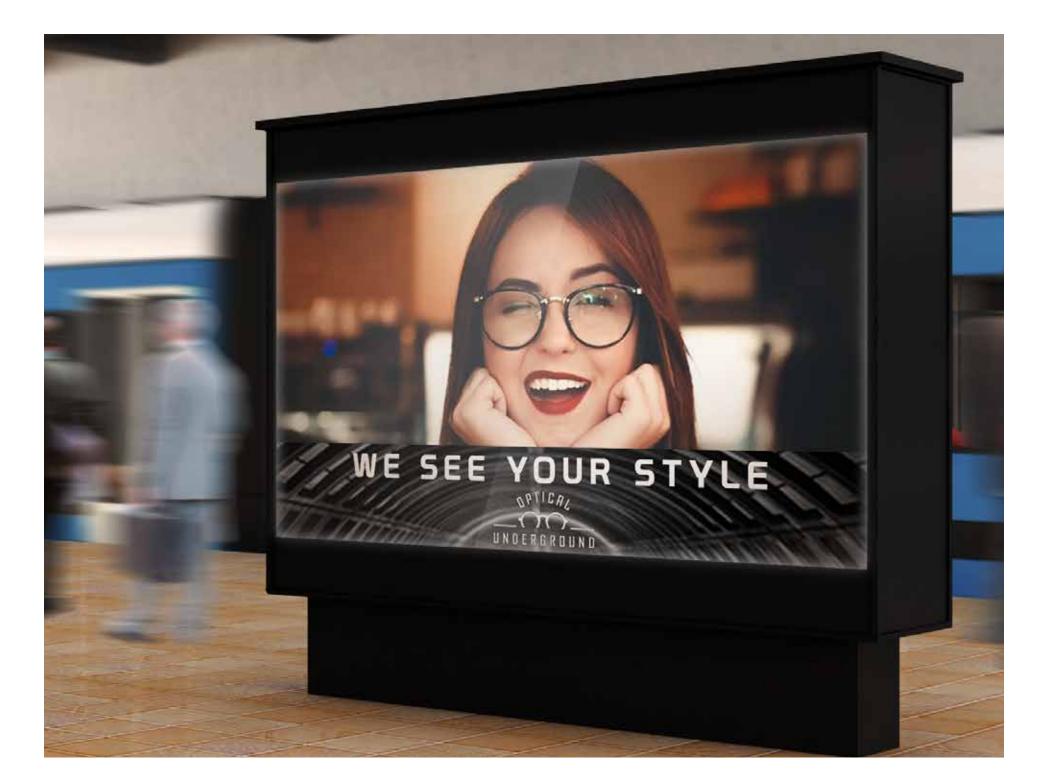


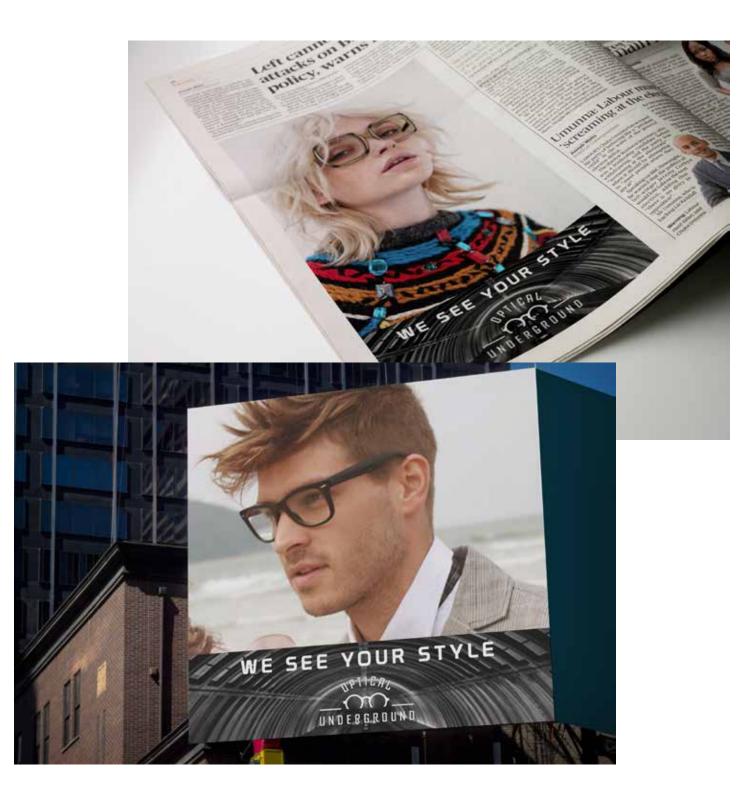


A Bag For Everywhere

Brahmin is a company that makes bags for travel and adventure. Here we have the bags showing prominently with the model. The locations are vague enough they could be anywhere, yet still feels adventurous.







We See Your Style

Optical Underground is a glasses boutique, that carries unique looks that fit a variety of styles.
Limiting to outdoor advertising and local papers, viewers can see a variety of models wearing different frames that go long with a variety of style tribes.







Fiona Apple

The assignment was to create an illustration in limited color process. This illustration is completed using Adobe Illustrator and done in three colors.





Shaper Catalogs

Shaper has a variety of fabric options, that can be used in a variety of combinations. These catalogs give viewers ideas of options and appropriate settings.