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IVAN Air



TRACKING  CALIFORNIA
INFORMING ACTION FOR HEALTHIER COMMUNITIES



SCHOOL OF PUBLIC HEALTH
UNIVERSITY *of* WASHINGTON

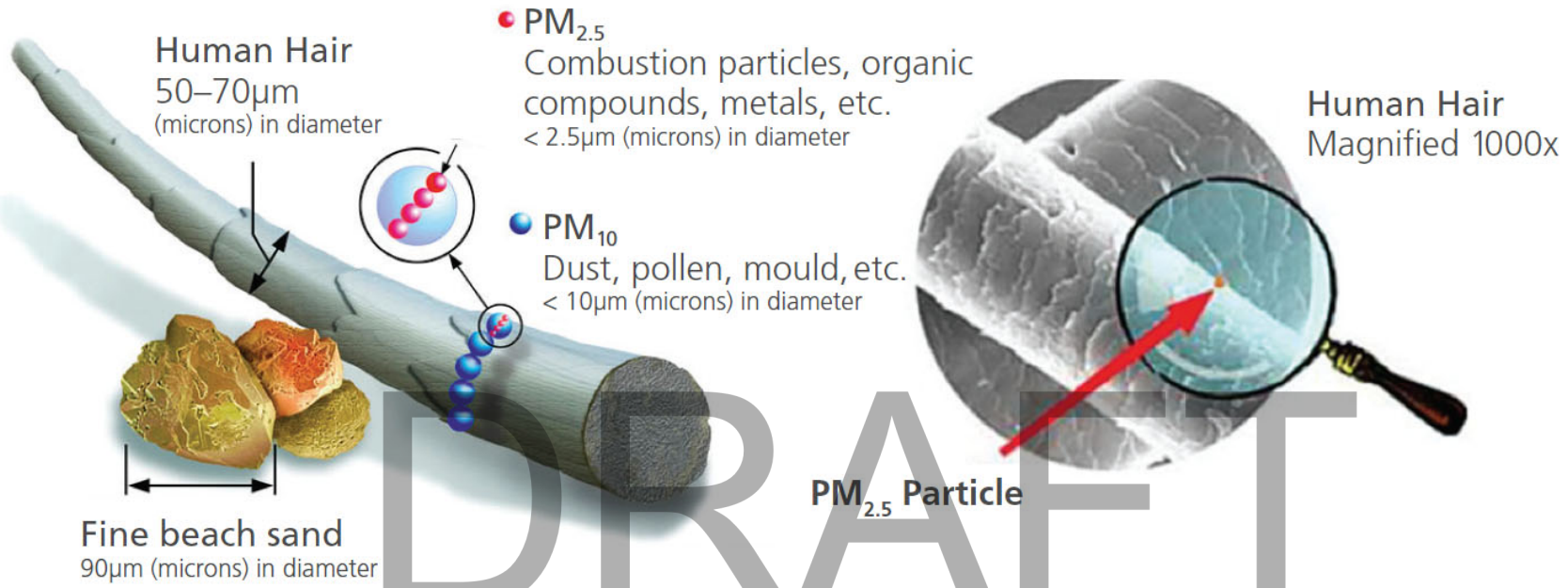
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DRAFT Particulate Matter

IVAN Air monitors PM 2.5 and PM 10



Particulate Matter

In Imperial County, PM sources of concern include dust from the Salton Sea, agricultural production including feed lots, vehicle traffic near the border crossing and on unpaved roads, and the burning of trash and agricultural biomass.

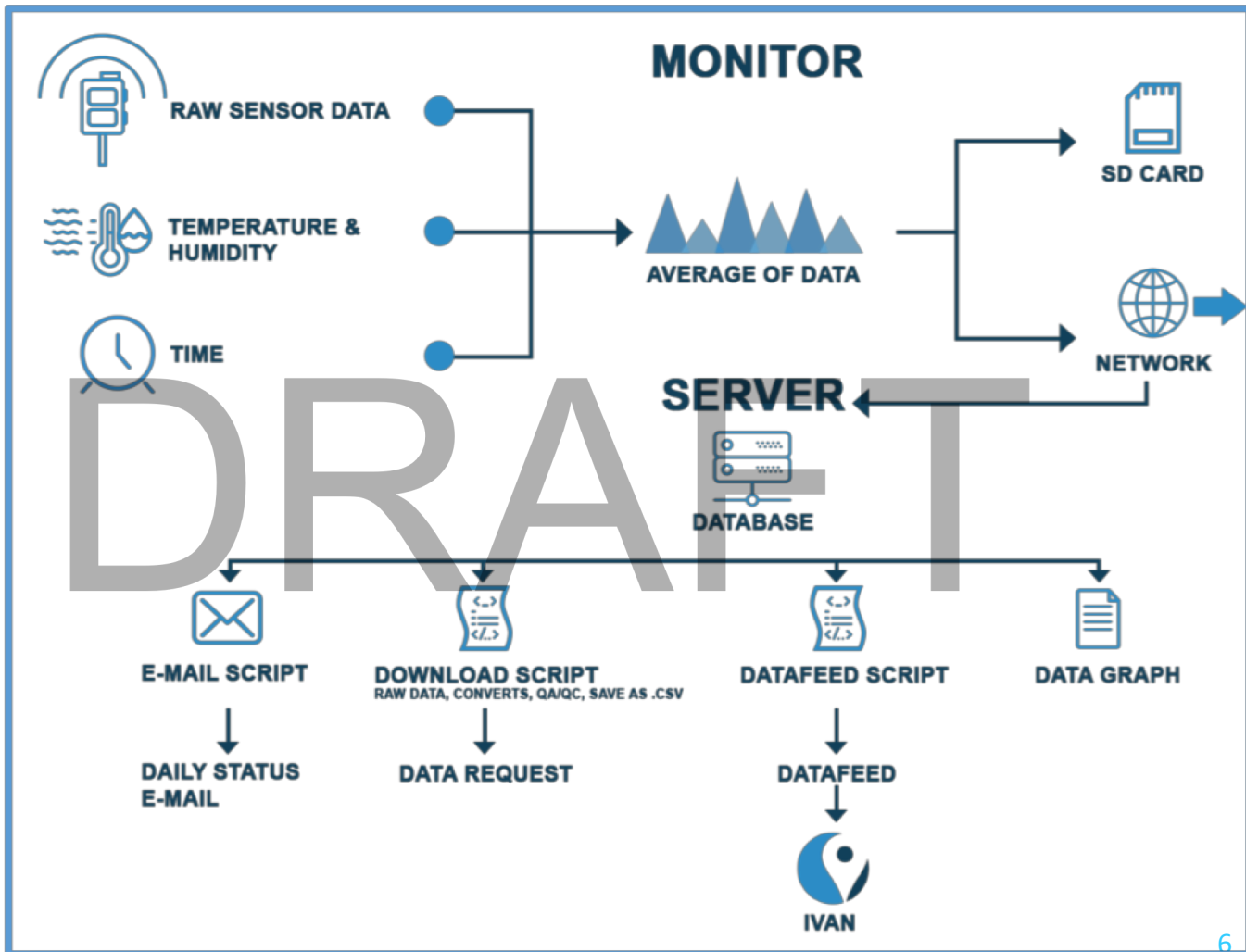
Customized monitors

- Dylus DC1700
- Arduino Yun
- Custom PCB shield with temperature and Rh sensors

All part of a weatherproof enclosure setup



IVAN Air Dataflow



IVANAir.org

- Online data portal for everyone to check on local air quality and take preventative measures as needed.

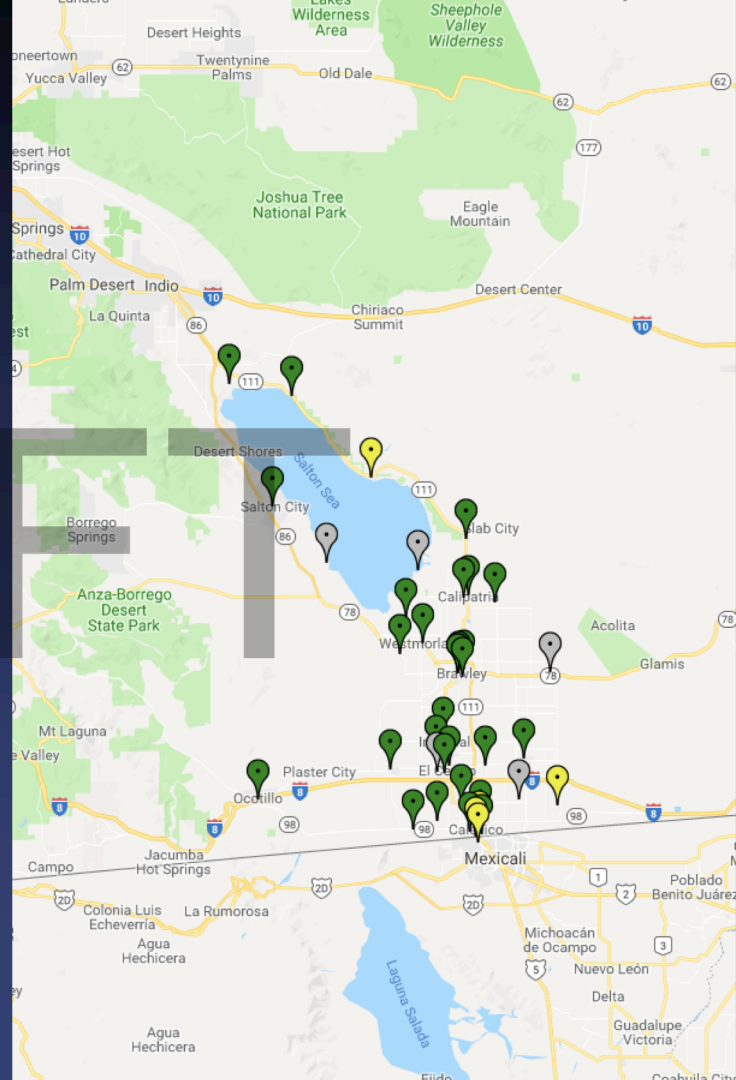


Community Air Monitoring Network

IVAN Air CAMN complements the existing regulatory network

Covers larger area throughout all of Imperial Valley

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Get Air Quality Alerts

Get email alerts when air quality near you is unhealthy. Sign up below

Email *

Which monitors do you want alerts for? Select up to 3 monitors *

At which air quality level do you want to receive alerts? When the air quality reaches: *

Select air quality level

TELL US ABOUT YOURSELF

Where do you currently get information about the air quality in Imperial County? (Select all that apply) *

How often do you access information about air quality in Imperial County? *

Select ...

Do you know what to do to protect your health when air quality is poor? *

Community Successes

- Desired actions
 - Increase awareness, knowledge, and engagement around AQ issues
 - Personal exposure reduction
 - Implement school air quality programs and policies
- Schools as a primary target audience

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Thanks!

Any questions?

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