

Ryan Li <http://creativelives.com/creativecommons/by/2.0/>

VAST 2014 CHALLENGE

The Kronos Incident

Adam Jones <http://creativelives.com/creativecommons/by-sa/2.0/> Illegals Changes were made

GASTech

In the roughly twenty years that Tethys-based GAStech has been operating a natural gas production site in the island country of Kronos, it has produced remarkable profits and developed strong relationships with the government of Kronos.

However, GAStech has not been as successful in demonstrating environmental stewardship

POK

The Protectors of Kronos (POK) is a political activist movement that began as a small group of seven citizens concerned about contamination from drilling at the Tiskele Bend gas fields.

Today the POK has grown under the charismatic leadership of Elia Karel to loosely organized group with an estimated membership of 200-300 people.

Missing Employees

In January, 2014, the leaders of GASTech are celebrating their new-found fortune as a result of the initial public offering of their very successful company.

In the midst of this celebration, several employees of GASTech go missing. POK is suspected in the disappearance, but things may not be what they seem.

Data Set

Relevant current and historical news reports from multiple domestic and translated foreign sources, in text file format.

Excel file of emails sent and received

News articles of events that occurred on January 20th and 21st. Over 800 text files.

Excel file of employee records; including employee title and department

Challenge Question 1

Who are the leaders?

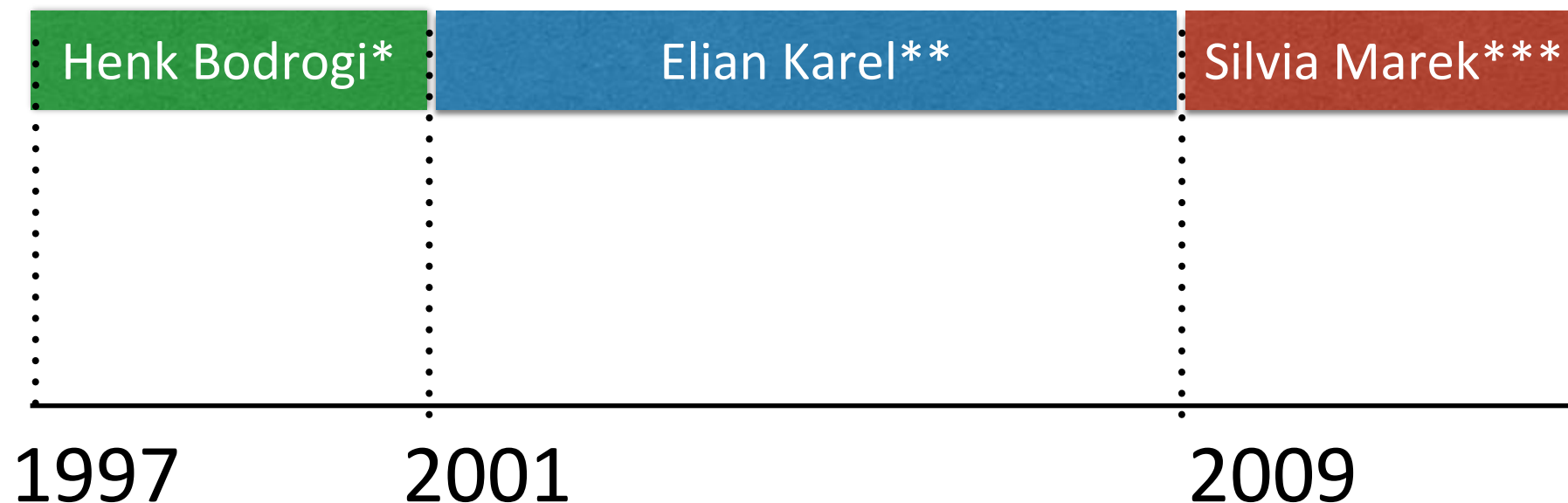
Who is part of the extended network?

How has the group structure and organization changed over time?

Where are the potential connections between the POK and GASTech

The POK evolved over the years from an environmental concerns organization to a terrorist group.

Leaders



* reference from 18, 51, 116, 134, 187, 217, 391, 399, 408, 447, 465, 572, 628, 698, 743

**reference from 14, 18, 19, 24, 51, 116, 132, 155, 157, 162, 168, 217, 268, 282, 294, 318, 343, 353, 387, 398, 437, 445, 454, 505, 508, 538, 566, 570, 572, 577, 581, 620, 623, 667, 670, 683, 698, 743, 767, 788, 798, 799

***reference from 18, 101, 116, 454, 508, 570, 572, 581, 620, 670, 698, 843

Founder: Henk Bodrogi

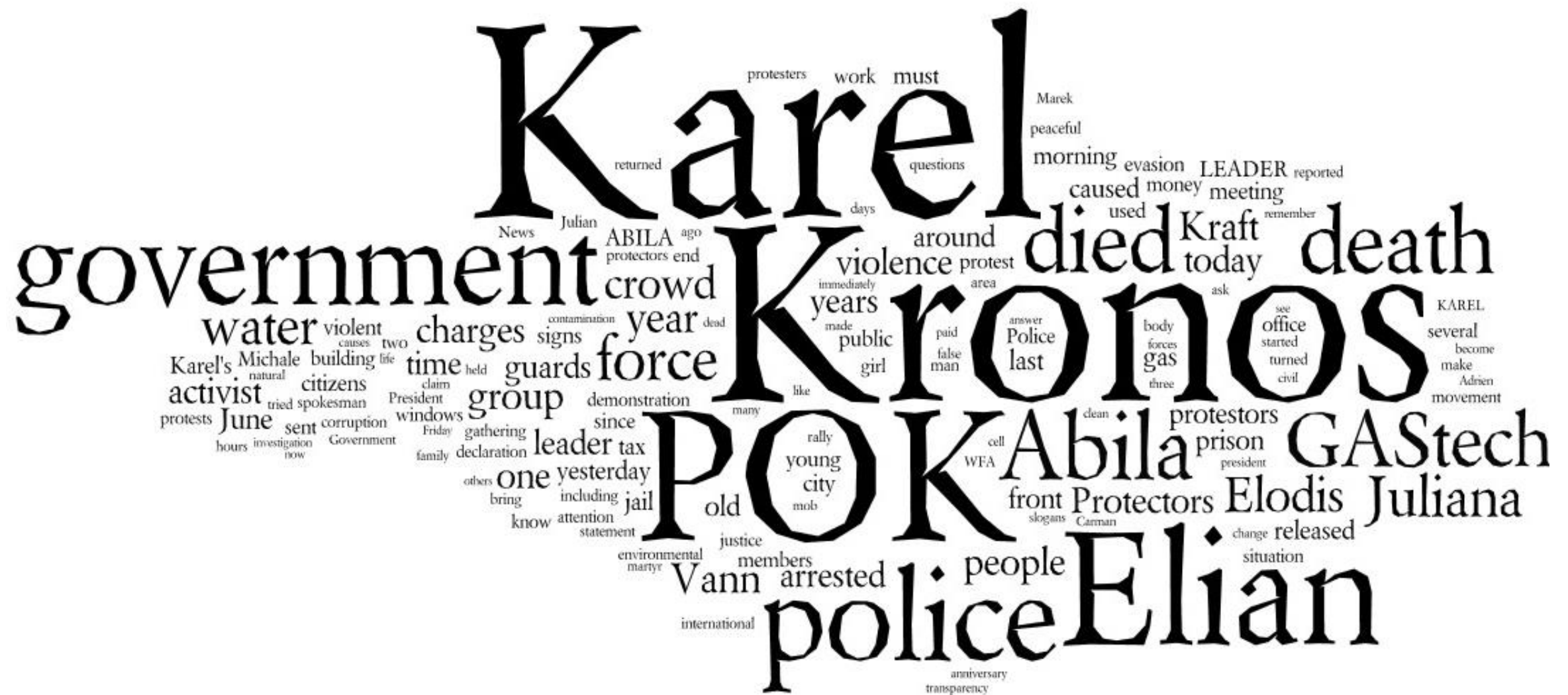


Beginning

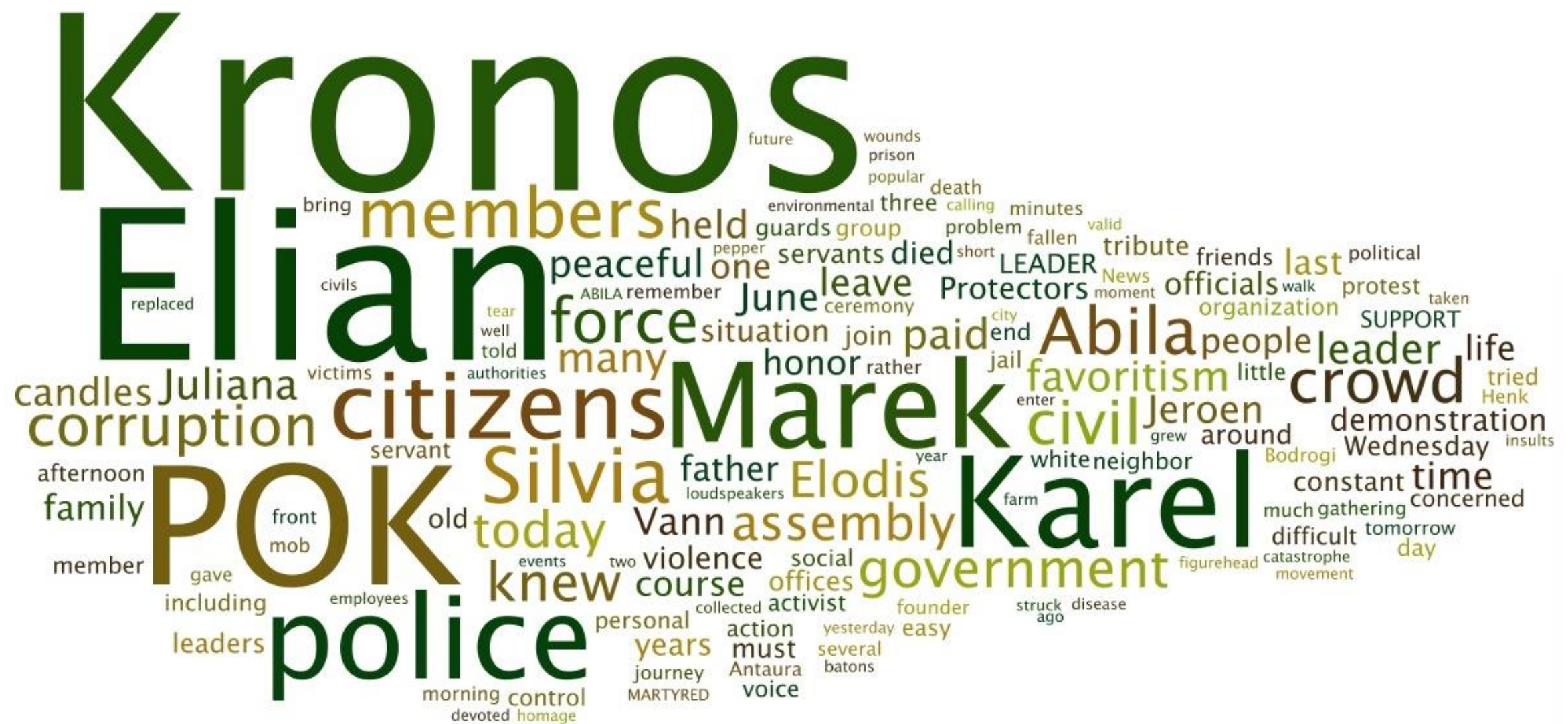
In the beginning, Henk Brodogi and Carmine Osvaldo were the leaders.

Members include Yanick Cato, Loreto Katell, Ale Loreto Hanne, Jeroen Karel and Valentine Mines.

2nd Leader - Elian Karel



Current - Silvia Marek



New leaders emerge

Eilan Karel (who died in jail) emerged after Henk Bodrogi

Current leader Silvia Marek

Members include Lucio Jakab, Lorenzo Di Stefano, and Jirair Rocha.

Mandor Vann heads a more violent direction for POK and his followers include Hennie Osvaldo, Inga Ferro, Ruscella Mies Haber, Loreto Bodrogi, and Cornelia Lais.

Challenge Question

Describe the events of January 20-21, 2014.

What is the timeline of events?

Tableau Timeline of Events

January 20th – January 21st

2014

https://public.tableau.com/views/Vast2014MC1/KidnappingofGAStechEmployees?:embed=y&:display_count=yes&:showTabs=y

For Timeline chart

Getting the difference between start and stop times, in terms of days.

- $(\text{DATEDIFF}(\text{'second'}, [\text{Start}], [\text{Stop}]))/86400$
- Add this to the size of the gant bar in the chart

Email Chart

Created calculated fields to remove “@” and “.” from emails.

- `LEFT([From_@],FIND([From_@],'@')-1)`
- `REPLACE([From_no@], ".", " ")`

Created two sets:

- One includes only possible POK members
- Set of suspicious email subjects

Email Chart

To make the lollipop charts:

- Create two separate charts, 1 bar and 1 circle
- Choose dual axis
- Synchronize axis

Possible Explanation

1. One possibility is that GASTech employees were truly kidnapped by the POK and are being held for ransom. It is likely that POK members infiltrated GASTech by gaining employment in order to carry out their plans from the inside.
2. Another possibility is that there is an unknown power at play that is behind all this mess and POK is just a puppet.